DCN 1487

234

BRAC DATA CALL #22

NAVAL POSTGRADUATE SCHOOL

MONTEREY, CA

1 OF 2

UIC: 62271

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
TRAINING CENTER/SCHOOL: NAVAL POSTGRADUATE SCHOOL

Category ..... **Education and Training**
Subcategory ..... **Training Centers and Schools**
Types ..... **Navy and Marine Corps Training Centers and Navy Schools**

************If any responses are classified, attach a separate classified annex************

NAVY TRAINING CENTERS AND SCHOOLS LISTING:

Type	Title	Location
School	U.S. Naval Academy	Annapolis, MD
School	Naval War College	Newport, RI
School	Naval Postgraduate School	Monterey, CA
School	Surface Warfare Officers School Command	Newport, RI
School	Navy Supply Corps School	Athens, GA
School	Navy Submarine School	New London, CT
Training Center	Naval Education and Training Center	Newport, RI
Training Center	Naval Training Center	Great Lakes, IL
Training Center	Trident Training Facility	Bangor, WA
Training Center	Trident Training Facility	Kings Bay, GA
Training Center	Naval Nuclear Power Training Unit	Balston Spa, NY
Training Center	Naval Nuclear Power Training Unit	Idaho Falls, ID
Training Center	Naval Technical Training Center	Corry Station, FL
Training Center	Naval Technical Training Center	Meridian, MS
Training Center	Naval Air Technical Training Center (Millington)	Pensacola, FL
Training Center	Fleet Combat Training Center, Atlantic	Virginia Beach, VA
Training Center	Fleet Combat Training Center, Pacific	San Diego, CA
Training Center	Naval Amphibious School	Little Creek, VA
Training Center	Naval Amphibious School	Coronado, CA
Training Center	Fleet Training Center	Norfolk, VA
Training Center	Fleet Training Center	Mayport, FL
Training Center	Fleet Training Center	San Diego, CA
Training Center	Fleet Anti-Submarine Warfare Training Center, Atlantic	Norfolk, VA
Training Center	Fleet Anti-Submarine Warfare Training Center, Pacific	San Diego, CA
Training Center	Fleet Mine Warfare Training Center (Charleston)	Ingleside, TX
Training Center	AEGIS Training Center	Dahlgren, VA

MARINE CORPS TRAINING CENTERS LISTING

Type	Title	Location
Training Center	Marine Corps Combat Development Command	Quantico, VA
Training Center	Marine Corps Air Ground Combat Center	Twentynine Palms, CA
Training Center	Marine Corps Recruit Depot	Parris Island, SC
Training Center	Marine Corps Recruit Depot	San Diego, CA

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Data For Capacity Analysis

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Introduction

1. Purpose. This introduction provides general instructions for replying to this data call; individual questions and footnotes give specific instructions for completion of tables, computations, etc.

2. References

a. Use projected promotion and retention rates and the Base Force Structure as outlined in the JCS Memorandum dated 7 February 1994 re: 1995 Base Realignments and Closures Force Structure Plan to determine future training mission requirements.

b. Refer to the NAVFAC P-72 for Facility Category Code Numbers (CCNs).

c. NAVFAC P-80 provides a discussion of the general nature of each CCN; use it to delineate "types" of facilities that share a common CCN.

d. Refer to NAVFACINST 11010.44E for definition of adequate, substandard, and adequate facilities.

e. Use the DoD Military Training Report FY 1993 definitions of types of training to classify the training and education conducted by the school or training center.

3. Definition of Terms. For purposes of this data call the following apply:

a. A **Formal School** is an activity that sponsors one or more programmed courses of instruction (i.e. Chaplain's School, Service Schools Command, Weapons Training Battalion).

b. A **Course of Instruction** (i.e. Boiler Technician "A," Scout Sniper Instructor) comprises one or more individual contact periods (classes).

c. A **Combined Arms Exercise** (CAX) is training that units are programmed to undergo at the Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

d. An **Educational Institution** is an activity that grants either an undergraduate or postgraduate degree(s) (i.e. U.S. Naval Academy).

e. A **Degree** requires the completion of an established curriculum.

f. A **Curriculum** comprises one or more courses of instruction.

g. A **Facility** is a space (e.g. a room), a defined area (e.g. a range), a structure (e.g. a building), or a structure other than a building (e.g. an obstacle course); it is possible for a building to house one or more facilities of different types.

h. **Recruit Training** is training upon initial enlistment or induction which provides a general indoctrination to the service, teaches skills and knowledge in basic military subjects, and prepares the recruit for early adjustment to mililtary life. For the Navy, this is Class "R" training.

Introduction (Cont.)

i. **Officer Acquisition Training** consists of training and education programs leading to a commission. For the Marine Corps, this includes the Marine Enlisted Commissioning Education Program (MECEP); for the Navy, this is class "P" training.

j. **Apprentice Training** is fundamental training in one of four basic skills areas (Seaman, Fireman, Airman, Constructionman) that enlisted personnel, who are not yet slated for a rating, recieve immediately after recruit training. For the Navy, this is class "AA" training.

k. **Initial Skill Training** includes all formal training following recruit training or commissioning and leading toward the award of a military occupational specialty (MOS) or rating at the lowest level. For the Navy, this includes all class "A" (except "AA") and class "M" training (subcategories "M3" and "M4" only).

l. **Skill Progression Training** is training servicemembers receive after initial skill training, and normally after having gained experience through actual work in their specialty, through which is gained the knowledge to perform at higher skill levels, in a supervisory position, and to assume increased responsibilities. For the Navy, this is class "C," "G," and "M" (subcategories "M1" and "M2" only) training.

m. **Functional Training** is training in subject areas that cut across the scope of MOSs/ratings and provides additional required skills without changing the servicemember's primary specialty or skill level. For the Navy, this is class "F" training.

n. **Team Training** provides team functional skill training to increase proficiency required by Fleet or Type Commanders. For the Navy, this is class "T" training.

o. **Professional Development Education** (PDE) provides training and education to career military personnel, enlisted and officer, to prepare them to perform increasingly complex responsibilities as they progress in their military careers. PDE may or may not lead to an academic degree. For the Navy, this is class "D" and "E" training.

4. Coordinating Instructions

a. Enter the primary UIC *of the data call respondent* (identified in the preceding listings of Navy and Marine Corps schools and training centers) at the top of each page of the response; ensure that additional pages created include this identifier.

b. Where information about current facilities available is requested, include MILCON projects that are not BRAC related, which have been authorized and appropriated and for which contracts are to be awarded by 30 September 1994; *do not* include projects submitted in the FY 95 Presidential Budget. Proposed MILCON projects in support of previous BRAC decisions should be included in response by gaining activities.

c. If any of the information requested is subject to change between now and the end of Fiscal Year 2001 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

Introduction (Cont.)

d. Use the codes listed below to respond to questions where the "Type of Training" is requested.

Code	Type of Training
RT	Recruit Training
OA	Officer Acquisition Training
AA	Apprentice
IS(E)	Enlisted Initial Skill Training
IS(O)	Officer Initial Skill Training
SP(E)	Enlisted Skill Progression Training
SP(O)	Officer Skill Progression Training
FE	Enlisted Functional Training
FO	Officer Functional Training
TT	Functional Team Training
PD	Professional Development Education

Introduction (Cont.)

e. Where "Course Identifier" is requested, educational institutions shall indicate the department and time period concerned (e.g. English/1st Semester, Wargaming Center); formal schools shall use course identification numbers, either CIN or CID; and the Marine Corps Air Ground Combat Center shall indicate CAX types (e.g. USMC BLT, USMCR RLT).

f. Tenant activities of a school or training center that use space must be accounted for under the host UIC for all courses taught and classroom space utilized.

g. Unless specified otherwise, "throughput" figures should include that from all sources (DON, other DoD, active and reserve components, and non-DoD).

h. Use "N/A" to respond to a question and/or table that does not apply; provide the reason(s) why it is not applicable.

i. Provide best estimates where projections of future peacetime or mobilization requirements are requested.

j. Delete the examples in bold type (provided in various tables to facilitate understanding on how to present the data requested) in responding to the questions.

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Mission Requirements

A. Courses of Instruction and CAXs. Respond to the following eleven questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

X	**EDUCATIONAL INSTITUTION:**	Naval Postgraduate School
	FORMAL SCHOOL:	
	CAX	

A number of programs at the Naval Postgraduate School are addressed in this report. The Naval Postgraduate School (NPS):

- o offers masters and Ph.D.'s in a variety of areas
- o includes the Defense Resource Management Institute (DRMI)
- o includes the Aviation Safety courses
- o offers shortcourses, e.g., the Practical Comptrollership Course
- o is about to begin teaching a number of short courses for the Defense Acquisition University (DAU)

The following is a summary of the programs offered at NPS:

Type of Education/Training	Programs
PD	Masters and Ph.D. Programs (37 curricula) One of DRMI's courses: DRMC Aviation Safety's Squadron C.O. course
SP(0)	Three of DRMI's courses: IDMC, SIDMC and IDMC Practical Comptrollership Course Info. Technology Mgt Course for Flag Officers DAU Courses (courses not yet initiated; course development underway)
FO	Aviation Safety's Squadron Safety Officer Course

The educational programs offered at the Naval Postgraduate School are summarized in the following table. In the remainder of the report, Naval Postgraduate School data, unless indicated otherwise, are data describing graduate degree programs at NPS. Data for the Defense Resource Management Institute (DRMI), etc., are usually presented separately, even though DRMI and Aviation Safety are organizational components of NPS.

Mission Requirements (Cont.) UIC: 62271

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convenings (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.). **Examples provided in bold type.**

Naval Postgraduate School

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE0020 lab AERO ENGR PROG PLNG	PD	84	11	2	2	2	2	2	2	2	NA
AE0242 lec THERMODYNAMICS/FLUI	PD	84	55	0	2	2	2	2	2	2	NA
AE0261 lec SOLID MECHANICS REFRES	PD	84	55	0	2	2	2	2	2	2	NA
AE0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
AE2015 lec ENGINEERING DYNAMICS	PD	84	33	2	2	2	2	2	2	2	NA
AE2015 lab ENGINEERING DYNAMICS	PD	84	22	2	2	2	2	2	2	2	NA
AE2021 lec INTRO,FLIGHT STRUCTURE	PD	84	44	2	2	2	2	2	2	2	NA
AE2021 lab INTRO,FLIGHT STRUCTURE	PD	84	11	2	2	2	2	2	2	2	NA
AE2035 lec BASIC AERODYNAMICS	PD	84	33	2	2	2	2	2	2	2	NA
AE2035 lab BASIC AERODYNAMICS	PD	84	22	2	2	2	2	2	2	2	NA
AE2036 lec PERFORMANCE, STABILITY	PD	84	33	2	2	2	2	2	2	2	NA
AE2036 lab PERFORMANCE, STABILITY	PD	84	22	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE2042 lec THERMO-FLUID DYNAMICS	PD	84	33	5	2	2	2	2	2	2	NA
AE2042 lab THERMO-FLUID DYNAMICS	PD	84	22	5	2	2	2	2	2	2	NA
AE2043 lec FUND OF GAS DYNAMICS	PD	84	33	4	2	2	2	2	2	2	NA
AE2043 lab FUND OF GAS DYNAMICS	PD	84	22	4	2	2	2	2	2	2	NA
AE2339 lec AEROSPACE SYS DYNAMICS	PD	84	33	0	1	1	1	1	1	1	NA
AE2339 lab AEROSPACE SYS DYNAMICS	PD	84	22	0	1	1	1	1	1	1	NA
AE2440 lec INTRO DIGITAL COMPUTN	PD	84	33	3	2	2	2	2	2	2	NA
AE2440 lab INTRO DIGITAL COMPUTN	PD	84	22	3	2	2	2	2	2	2	NA
AE2801 lec AERO-LABORATORIES I	PD	84	33	2	2	2	2	2	2	2	NA
AE2801 lab AERO-LABORATORIES I	PD	84	22	2	2	2	2	2	2	2	NA
AE2820 lec INTRO SPACECRAFT STRUC	PD	84	33	2	2	2	2	2	2	2	NA
AE2820 lab INTRO SPACECRAFT STRUC	PD	84	22	2	2	2	2	2	2	2	NA
AE3101 lec FLT VEHICLE STRUC ANLS	PD	84	33	2	2	2	2	2	2	2	NA
AE3101 lab FLT VEHICLE STRUC ANLS	PD	84	22	2	2	2	2	2	2	2	NA
AE3202 lec AIRCRAFT STRUC FAILURE	PD	84	33	2	2	2	2	2	2	2	NA
AE3202 lab AIRCRAFT STRUC FAILURE	PD	84	22	2	2	2	2	2	2	2	NA
AE3250 lec AIRCRAFT SURVIVABILITY	PD	84	33	3	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE3251 lec AIRCRAFT COMBAT SURVIV	PD	84	44	2	3	3	3	3	3	3	NA
AE3251 lab AIRCRAFT COMBAT SURVIV	PD	84	11	2	3	3	3	3	3	3	NA
AE3276 lec INTRO TO AVIONICS	PD	84	33	1	1	1	1	1	1	1	NA
AE3276 lab INTRO TO AVIONICS	PD	84	22	1	1	1	1	1	1	1	NA
AE3340 lec LIN VIB&DYNAMIC STAB	PD	84	33	2	2	2	2	2	2	2	NA
AE3340 lab LIN VIB&DYNAMIC STAB	PD	84	22	2	2	2	2	2	2	2	NA
AE3341 lec CONTROL:AEROSPACE VEH	PD	84	33	2	1	1	1	1	1	1	NA
AE3341 lab CONTROL:AEROSPACE VEH	PD	84	22	2	1	1	1	1	1	1	NA
AE3402 lec HELICOP STAB CONTROL	PD	84	33	0	1	1	1	1	1	1	NA
AE3402 lab HELICOP STAB CONTROL	PD	84	22	0	1	1	1	1	1	1	NA
AE3451 lec AIRCRAFT,MISSL PROPUL	PD	84	33	2	2	2	2	2	2	2	NA
AE3451 lab AIRCRAFT,MISSL PROPUL	PD	84	22	2	2	2	2	2	2	2	NA
AE3501 lec CUR AERODYNAMIC ANALY	PD	84	33	2	2	2	2	2	2	2	NA
AE3501 lab CUR AERODYNAMIC ANALY	PD	84	22	2	2	2	2	2	2	2	NA
AE3701 lec MISSILE AERODYNAMICS	PD	84	44	1	1	1	1	1	1	1	NA
AE3701 lab MISSILE AERODYNAMICS	PD	84	11	1	1	1	1	1	1	1	NA
AE3705 lec AIR DEF & LETHALITY	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE3705 lab AIR DEF & LETHALITY	PD	84	11	1	1	1	1	1	1	1	NA
AE3712 lec SURVEY TACT MISS SYS	PD	84	33	0	1	1	1	1	1	1	NA
AE3712 lab SURVEY TACT MISS SYS	PD	84	22	0	1	1	1	1	1	1	NA
AE3802 lec ADV AREA INST&TEST FAC	PD	84	33	2	2	2	2	2	2	2	NA
AE3802 lab ADV AREA INST&TEST FAC	PD	84	22	2	2	2	2	2	2	2	NA
AE3804 lec THERMAL CONT OF SPCRFT	PD	84	33	1	2	2	2	2	2	2	NA
AE3811 lec SPACE SYSTEMS LAB	PD	84	11	1	1	1	1	1	1	1	NA
AE3811 lab SPACE SYSTEMS LAB	PD	84	22	1	1	1	1	1	1	1	NA
AE3815 lec INTRO TO SPCRFT DYNMCS	PD	84	33	2	1	1	1	1	1	1	NA
AE3815 lab INTRO TO SPCRFT DYNMCS	PD	84	22	2	1	1	1	1	1	1	NA
AE3850 lec PROP FOR SPACE APPLCTN	PD	84	44	1	1	1	1	1	1	1	NA
AE3851 lec SPACECRAFT PROPULSION	PD	84	33	1	2	2	2	2	2	2	NA
AE3851 lab SPACECRAFT PROPULSION	PD	84	22	1	2	2	2	2	2	2	NA
AE3900 lec ADA LEATHALITY	PD	84	33	0	1	1	1	1	1	1	NA
AE3900 lec AIRCRAFT/MISSLE PROPUL	PD	84	33	0	1	1	1	1	1	1	NA
AE3900 lab AIRCRAFT/MISSLE PROPUL	PD	84	22	0	1	1	1	1	1	1	NA
AE3900 lec COMP FLD DYNCS HEAT TR	PD	84	33	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE3900 lab COMP FLD DYNCS HEAT TR	PD	84	22	1	0	1	1	1	1	1	NA
AE3900 lec SPECIAL TOPICS IN AERO	PD	84	22	1	0	1	1	1	1	1	NA
AE4000 lec AERO ENGRNG SEMINAR	PD	84	11	4	4	4	4	4	4	4	NA
AE4103 lec ADV AIRCRAFT CONST	PD	84	33	1	1	1	1	1	1	1	NA
AE4103 lab ADV AIRCRAFT CONST	PD	84	22	1	1	1	1	1	1	1	NA
AE4201 lec RELIABLITY ENG & SYSTE	PD	84	44	2	1	1	1	1	1	1	NA
AE4202 lec RELIBLTY COMP MATL	PD	84	33	1	0	1	1	1	1	1	NA
AE4202 lab RELIBLTY COMP MATL	PD	84	22	1	0	1	1	1	1	1	NA
AE4273 lec AIRCRAFT DESIGN	PD	84	33	2	2	2	2	2	2	2	NA
AE4273 lab AIRCRAFT DESIGN	PD	84	22	2	2	2	2	2	2	2	NA
AE4276 lec AVIONICS SYSTEM DESIGN	PD	84	33	2	1	1	1	1	1	1	NA
AE4276 lab AVIONICS SYSTEM DESIGN	PD	84	22	2	1	1	1	1	1	1	NA
AE4304 lec HELICOPTER PERFORMANCE	PD	84	33	1	1	1	1	1	1	1	NA
AE4304 lab HELICOPTER PERFORMANCE	PD	84	22	1	1	1	1	1	1	1	NA
AE4306 lec HELICOPTER DESIGN	PD	84	33	1	1	1	1	1	1	1	NA
AE4306 lab HELICOPTER DESIGN	PD	84	22	1	1	1	1	1	1	1	NA
AE4318 lec AEROELASTICITY	PD	84	44	1	1	1	1	1	1	1	NA
AE4323 lec FLIGHT EVAL TECHNIQUES	PD	84	33	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE4323 lab FLIGHT EVAL TECHNIQUES	PD	84	22	1	1	1	1	1	1	1	NA
AE4341 lec CONTROL AEROSP VEHICLE	PD	84	33	0	1	1	1	1	1	1	NA
AE4341 lab CONTROL AEROSP VEHICLE	PD	84	22	0	1	1	1	1	1	1	NA
AE4342 lec ADV CONTROL,AEROSP SYS	PD	84	33	1	1	1	1	1	1	1	NA
AE4342 lab ADV CONTROL,AEROSP SYS	PD	84	22	1	1	1	1	1	1	1	NA
AE4431 lec AEROTHERMODYNAMICS	PD	84	33	1	1	1	1	1	1	1	NA
AE4431 lab AEROTHERMODYNAMICS	PD	84	22	1	1	1	1	1	1	1	NA
AE4451 lec AIRCRAFT ENGINE DESIGN	PD	84	33	0	1	1	1	1	1	1	NA
AE4451 lab AIRCRAFT ENGINE DESIGN	PD	84	22	0	1	1	1	1	1	1	NA
AE4452 lec ROCKET, MISSILE PROPUL	PD	84	44	1	1	1	1	1	1	1	NA
AE4502 lec HIGH-SPEED AERODYNAM	PD	84	44	1	0	1	1	1	1	1	NA
AE4505 lec LASER/PART BEAM TECH	PD	84	33	1	1	1	1	1	1	1	NA
AE4505 lab LASER/PART BEAM TECH	PD	84	22	1	1	1	1	1	1	1	NA
AE4506 lec RAREFIED GAS DYNAMICS	PD	84	44	1	0	1	1	1	1	1	NA
AE4507 lec FLUID DYN & HEAT TRFR	PD	84	33	1	1	1	1	1	1	1	NA
AE4507 lab FLUID DYN & HEAT TRFR	PD	84	22	1	1	1	1	1	1	1	NA
AE4632 lec COMPUTER METHODS AERO	PD	84	33	3	2	2	2	2	2	2	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE4632 lab COMPUTER METHODS AERO	PD	84	22	3	2	2	2	2	2	2	NA
AE4641 lec AERONAUT DATA SYSTEMS	PD	84	33	2	1	1	1	1	1	1	NA
AE4641 lab AERONAUT DATA SYSTEMS	PD	84	22	2	1	1	1	1	1	1	NA
AE4650 lec PARALLEL DISTRIBUTE PR	PD	84	44	1	0	1	1	1	1	1	NA
AE4703 lec MISSILE STAB & PERFORM	PD	84	44	1	1	1	1	1	1	1	NA
AE4703 lab MISSILE STAB & PERFORM	PD	84	11	1	1	1	1	1	1	1	NA
AE4704 lec MISSILE CONFIG & DSGN	PD	84	33	1	1	1	1	1	1	1	NA
AE4704 lab MISSILE CONFIG & DSGN	PD	84	22	1	1	1	1	1	1	1	NA
AE4712 lec SURVY OF TACT MISL SYS	PD	84	33	1	0	1	1	1	1	1	NA
AE4712 lab SURVY OF TACT MISL SYS	PD	84	22	1	0	1	1	1	1	1	NA
AE4816 lec DYN FLEX SPACE STRUCT	PD	84	44	1	1	1	1	1	1	1	NA
AE4818 lec SPCECRFT ATT, DYN&CTRL	PD	84	44	1	1	1	1	1	1	1	NA
AE4830 lec SPACECRAFT SYSTEMS I	PD	84	33	1	1	1	1	1	1	1	NA
AE4830 lab SPACECRAFT SYSTEMS I	PD	84	22	1	1	1	1	1	1	1	NA
AE4831 lec SPACECRAFT SYSTEMS II	PD	84	33	1	1	1	1	1	1	1	NA
AE4831 lab SPACECRAFT SYSTEMS II	PD	84	22	1	1	1	1	1	1	1	NA
AE4844 lec HYPERSONIC FLIGHT	PD	84	44	1	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE4870 lec DESIGN OF SPACECRAFT	PD	84	44	1	1	1	1	1	1	1	NA
AE4871 lec SPCECRFT DSGN & INTII	PD	84	44	1	2	2	2	2	2	2	NA
AE4900 lec ACOU PROP & TOMOGRAPHY	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec ADV AERODY ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec ADV CTRL TECH	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec ADV HELICOPTER CTRLS	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec ADV SPACE ROBOTICS CTR	PD	84	33	1	0	1	1	1	1	1	NA
AE4900 lec ADVANCED MISSILE FLIGH	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec ADVANCED STUDY IN AERO	PD	84	22	1	0	1	1	1	1	1	NA
AE4900 lab ADVANCED STUDY IN AERO	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lec ADVANCED STUDY IN AERO	PD	84	33	1	1	1	1	1	1	1	NA
AE4900 lec ADVANCED STUDY IN AERO	PD	84	44	1	1	1	1	1	1	1	NA
AE4900 lec BOUNDARY LAYER THEORY	PD	84	33	1	0	1	1	1	1	1	NA
AE4900 lec COMP BASE SAT DESIGN	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec COMP FLUID DYNAMICS	PD	84	33	1	0	1	1	1	1	1	NA
AE4900 lab COMP FLUID DYNAMICS	PD	84	22	1	0	1	1	1	1	1	NA
AE4900 lec COMP FLUID DYNAMICS	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE4900 lec COMPUTER CONTROL METHD	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec CONTINUUM MACHANICS	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec CTRL FLEX STRUCTURES	PD	84	11	0	1	1	1	1	1	1	NA
AE4900 lab CTRL FLEX STRUCTURES	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec DYN & CTRL FLEX STRUCT	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec FAULT DETECT & ANALYSI	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec FLUID DYNAMICS	PD	84	44	1	0	1	1	1	1	1	NA
AE4900 lec GUID WEAP CTRL SYSTEMS	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec HIGH ENERGY TUNABLE LA	PD	84	11	1	0	1	1	1	1	1	NA
AE4900 lec HYPERSONIC FLIGHT	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec LASER TECHNOLOGY	PD	84	44	2	0	2	2	2	2	2	NA
AE4900 lec MODEL OF SPACECFT STRU	PD	84	11	0	1	1	1	1	1	1	NA
AE4900 lab MODEL OF SPACECFT STRU	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec MULTI OBJ CONTROL	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec PIEZOELECTRIC SENSORS	PD	84	11	0	1	1	1	1	1	1	NA
AE4900 lab PIEZOELECTRIC SENSORS	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lec ROBOTIC CONTROL	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AE4900 lec ROBUST MULTI OBJ CONTL	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT ALTIT CONTR	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lab SPACECRAFT ALTIT CONTR	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT CONTROL	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lab SPACECRAFT CONTROL	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT RE SYS ANLS	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lab SPACECRAFT SIMULATION	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT TRAGECTORY	PD	84	44	0	1	1	1	1	1	1	NA
AE4900 lec STORES SEPARATION	PD	84	33	0	1	1	1	1	1	1	NA
AE4900 lec SURV TACT MISS SYS	PD	84	33	2	1	1	1	1	1	1	NA
AE4900 lab SURV TACT MISSILE SYS	PD	84	22	0	1	1	1	1	1	1	NA
AE4900 lec TAGUCHI METH IN DESIGN	PD	84	44	2	0	2	2	2	2	2	NA
AE4900 lec VTOL TRANSITION	PD	84	44	1	0	1	1	1	1	1	NA
AS1701 lec COMMUNICATION SKILL I	PD	84	44	3	0	3	3	3	3	3	NA
AS2701 lec COMMUNICATION SKILL II	PD	84	44	1	0	1	1	1	1	1	NA
AS3610 lec ECON Anl & OPS RESRCH	PD	84	44	3	1	1	1	1	1	1	NA
AS3611 lec CAPITAL ALLOCATION	PD	84	44	3	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
AS3611 lab CAPITAL ALLOCATION	PD	84	11	3	2	2	2	2	2	2	NA
CC0001 lab SEMINAR FOR C3	PD	84	11	4	4	4	4	4	4	4	NA
CC0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
CC3000 lec INTRO C3	PD	84	44	2	2	2	2	2	2	2	NA
CC3001 lec MODELING C3 SYSTEMS	PD	84	44	2	2	2	2	2	2	2	NA
CC3111 lec C3 MISSION, ORGANIZATN	PD	84	44	1	1	1	1	1	1	1	NA
CC3900 lec COMBAT MODELS C3	PD	84	44	0	1	1	1	1	1	1	NA
CC3900 lec C3 READINGS	PD	84	22	0	1	1	1	1	1	1	NA
CC3900 lec SPEC TOP,COM CONT&COMM	PD	84	33	1	3	3	3	3	3	3	NA
CC3900 lec SPEC TOP,COM CONT&COMM	PD	84	55	0	1	1	1	1	1	1	NA
CC4001 lec C3:STRUCTURE/PROC/DYNA	PD	84	44	2	2	2	2	2	2	2	NA
CC4001 lab C3:STRUCTURE/PROC/DYNA	PD	84	22	2	2	2	2	2	2	2	NA
CC4002 lec C3 ARCHITEC & ENGR II	PD	84	33	0	2	2	2	2	2	2	NA
CC4002 lab C3 ARCHITEC & ENGR II	PD	84	33	0	2	2	2	2	2	2	NA
CC4003 lec C3 SYSTEMS EVALUATION	PD	84	22	2	2	2	2	2	2	2	NA
CC4003 lab C3 SYSTEMS EVALUATION	PD	84	44	2	2	2	2	2	2	2	NA
CC4113 lec POLICIES & PROBS IN C3	PD	84	44	2	2	2	2	2	2	2	NA
CC4200 lec COMBAT SYS ENGR	PD	84	44	1	1	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CC4900 lec ADV STDY:COM CONTR&COM	PD	84	33	0	3	3	3	3	3	3	NA
CC4900 lec C3 NETWORKS	PD	84	22	1	0	1	1	1	1	1	NA
CC4900 lec C3 POLICIES & PROBS	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec C3 SYSTEMS EVAL	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec DATA LINKS	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec FUTURE DEV RUSSIAN C3I	PD	84	44	1	0	1	1	1	1	1	NA
CC4900 lec MLS IN C3 SYSTEMS	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec RELATIONAL DBMS TECHNO	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec STATS Anl COMP SIMU E	PD	84	33	0	1	1	1	1	1	1	NA
CC4900 lec SYN APERTURE RADAR	PD	84	33	0	1	1	1	1	1	1	NA
CM0001 lab SEM TELCOMM SYST MGMNT	PD	84	22	3	0	3	3	3	3	3	NA
CM3002 lec ECON EVAL TELECOMM SYS	PD	84	44	1	0	1	1	1	1	1	NA
CM3112 lec NAVY TELECOM SYSTEMS	PD	84	44	0	3	3	3	3	3	3	NA
CM4925 lec TELECOMM:INDUSTRY, REG	PD	84	44	1	0	1	1	1	1	1	NA
CS0001 lab SEMINAR	PD	84	11	4	4	4	4	4	4	4	NA
CS0100 lec REFRESHER ADA PROGRAM	PD	84	22	1	2	2	2	2	2	2	NA
CS0100 lab REFRESHER ADA PROGRAM	PD	84	11	1	2	2	2	2	2	2	NA
CS0101 lec REFRESH-LAB SYSTEMS	PD	84	22	2	2	2	2	2	2	2	NA
CS0101 lab REFRESH-LAB SYSTEMS	PD	84	11	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
CS2920 lec INTRO COMP MANAGEMENT	PD	84	33	1	0	1	1	1	1	1	NA
CS2920 lab INTRO COMP MANAGEMENT	PD	84	11	1	0	1	1	1	1	1	NA
CS2970 lec STRUCT PROGR W/ADA	PD	84	44	15	14	14	14	14	14	14	NA
CS2970 lab STRUCT PROGR W/ADA	PD	84	11	15	14	14	14	14	14	14	NA
CS3010 lec COMPUTING DEVICES&SYS	PD	84	44	5	4	4	4	4	4	4	NA
CS3030 lec PRIN OPERATING SYSTEMS	PD	84	44	5	3	3	3	3	3	3	NA
CS3050 lec SOFTWARE PROJ DEVEL	PD	84	44	0	1	1	1	1	1	1	NA
CS3111 lec PRIN PROGRAM LANGUAGE	PD	84	44	3	3	3	3	3	3	3	NA
CS3113 lec INTRO TO COMPILERS	PD	84	33	0	1	1	1	1	1	1	NA
CS3113 lab INTRO TO COMPILERS	PD	84	22	0	1	1	1	1	1	1	NA
CS3200 lec NEW COMPUTER ARCH	PD	84	33	3	3	3	3	3	3	3	NA
CS3200 lab NEW COMPUTER ARCH	PD	84	22	3	3	3	3	3	3	3	NA
CS3300 lec DATA STRUCTURES	PD	84	33	3	3	3	3	3	3	3	NA
CS3300 lab DATA STRUCTURES	PD	84	11	3	3	3	3	3	3	3	NA
CS3310 lec ARTIFICIAL INTELL	PD	84	44	4	4	4	4	4	4	4	NA
CS3320 lec DATABASE SYSTEMS	PD	84	33	3	3	3	3	3	3	3	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS3320 lab DATABASE SYSTEMS	PD	84	11	3	3	3	3	3	3	3	NA
CS3450 lec SOFTWARE SYST DESIGN	PD	84	33	3	3	3	3	3	3	3	NA
CS3450 lab SOFTWARE SYST DESIGN	PD	84	11	3	3	3	3	3	3	3	NA
CS3460 lec SOFTWARE METHODOLOGY	PD	84	33	3	3	3	3	3	3	3	NA
CS3460 lab SOFTWARE METHODOLOGY	PD	84	11	3	3	3	3	3	3	3	NA
CS3502 lec COMP COMM & NETWORKS	PD	84	44	2	3	3	3	3	3	3	NA
CS3550 lec COMP IN COMBAT SYSTEMS	PD	84	33	2	0	2	2	2	2	2	NA
CS3550 lab COMP IN COMBAT SYSTEMS	PD	84	22	2	0	2	2	2	2	2	NA
CS3601 lec AUTOMATA&FORMAL LANG	PD	84	44	2	2	2	2	2	2	2	NA
CS3650 lec THEORY OF ALGORITHMS	PD	84	44	2	3	3	3	3	3	3	NA
CS3700 lec ADV PROGRAMMING C++	PD	84	33	0	3	3	3	3	3	3	NA
CS3700 lab ADV PROGRAMMING C++	PD	84	22	0	3	3	3	3	3	3	NA
CS3800 lec COMMUNICATION NETWORKS	PD	84	44	0	1	1	1	1	1	1	NA
CS3800 lab DBMS SOFTWARE	PD	84	55	1	0	1	1	1	1	1	NA
CS3920 lec ADV PROG IN C &C++ SCI	PD	84	33	1	0	1	1	1	1	1	NA
CS3920 lab ADV PROG IN C &C++ SCI	PD	84	22	1	0	1	1	1	1	1	NA
CS3920 lec ADV PROGRAMMING C++	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS3920 lab ADV PROGRAMMING C++	PD	84	22	1	0	1	1	1	1	1	NA
CS3920 lec TOPICS IN COMPUTER SCI	PD	84	33	1	0	1	1	1	1	1	NA
CS3920 lab TOPICS IN COMPUTER SCI	PD	84	11	1	0	1	1	1	1	1	NA
CS3920 lec TOPICS IN COMPUTER SCI	PD	84	44	1	0	1	1	1	1	1	NA
CS3920 lab TOPICS IN COMPUTER SCI	PD	84	22	1	0	1	1	1	1	1	NA
CS4112 lec OPERATING SYSTEMS	PD	84	33	0	1	1	1	1	1	1	NA
CS4112 lab OPERATING SYSTEMS	PD	84	22	0	1	1	1	1	1	1	NA
CS4112 lec OPERATING SYSTEMS	PD	84	44	3	2	2	2	2	2	2	NA
CS4113 lec ADV LANGUAGE TOPICS	PD	84	44	1	0	1	1	1	1	1	NA
CS4114 lec ADV TOPICS IN OBJ PROG	PD	84	33	2	2	2	2	2	2	2	NA
CS4114 lab ADV TOPICS IN OBJ PROG	PD	84	22	2	2	2	2	2	2	2	NA
CS4150 lec PROGRAMG TOOLS/ENVIRON	PD	84	44	1	2	2	2	2	2	2	NA
CS4202 lec COMPUTER GRAPHICS	PD	84	33	2	2	2	2	2	2	2	NA
CS4202 lab COMPUTER GRAPHICS	PD	84	22	2	2	2	2	2	2	2	NA
CS4203 lec INTERACT COMPUTA SYST	PD	84	33	2	2	2	2	2	2	2	NA
CS4203 lab INTERACT COMPUTA SYST	PD	84	22	2	2	2	2	2	2	2	NA
CS4310 lec ADV ARTIFICIAL INTELLG	PD	84	44	2	2	2	2	2	2	2	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4311 lec EXPERT SYSTEMS	PD	84	33	2	2	2	2	2	2	2	NA
CS4311 lab EXPERT SYSTEMS	PD	84	11	1	0	1	1	1	1	1	NA
CS4311 lab EXPERT SYSTEMS	PD	84	22	1	2	2	2	2	2	2	NA
CS4312 lec ADVANCED DATABASE SYS	PD	84	33	2	2	2	2	2	2	2	NA
CS4312 lab ADVANCED DATABASE SYS	PD	84	11	2	2	2	2	2	2	2	NA
CS4313 lec ADVANCED ROBOTIC SYS	PD	84	44	2	2	2	2	2	2	2	NA
CS4314 lec SYMBOLIC COMPUTING	PD	84	33	2	1	1	1	1	1	1	NA
CS4314 lab SYMBOLIC COMPUTING	PD	84	22	2	1	1	1	1	1	1	NA
CS4322 lec ADV DATABASE SYS TOPIC	PD	84	33	2	1	1	1	1	1	1	NA
CS4322 lab ADV DATABASE SYS TOPIC	PD	84	11	2	1	1	1	1	1	1	NA
CS4450 lec ADV COMPUTER ARCHITECT	PD	84	44	1	1	1	1	1	1	1	NA
CS4451 lec MULTI-PROC/REAL-TIME	PD	84	33	2	0	2	2	2	2	2	NA
CS4451 lab MULTI-PROC/REAL-TIME	PD	84	11	2	0	2	2	2	2	2	NA
CS4470 lec COMP GRAPHICS TOPICS	PD	84	33	2	2	2	2	2	2	2	NA
CS4470 lab COMP GRAPHICS TOPICS	PD	84	22	2	2	2	2	2	2	2	NA
CS4471 lec COMPUTER ANIMATION	PD	84	33	2	2	2	2	2	2	2	NA
CS4471 lab COMPUTER ANIMATION	PD	84	22	2	2	2	2	2	2	2	NA
CS4472 lec PHYSICALLY BASED MODEL	PD	84	33	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4472 lab PHYSICALLY BASED MODEL	PD	84	22	1	1	1	1	1	1	1	NA
CS4473 lec VIRTUAL WORLDS SIM SYS	PD	84	33	1	2	2	2	2	2	2	NA
CS4473 lab VIRTUAL WORLDS SIM SYS	PD	84	22	1	2	2	2	2	2	2	NA
CS4500 lec SOFTWARE ENGINEERING	PD	84	33	2	2	2	2	2	2	2	NA
CS4500 lab SOFTWARE ENGINEERING	PD	84	11	2	2	2	2	2	2	2	NA
CS4520 lec ADV SOFTWARE ENG	PD	84	33	1	0	1	1	1	1	1	NA
CS4530 lec SOFTWARE ENG ADA	PD	84	33	2	2	2	2	2	2	2	NA
CS4540 lec SOFTWARE TESTING	PD	84	33	0	1	1	1	1	1	1	NA
CS4540 lab SOFTWARE TESTING	PD	84	11	0	1	1	1	1	1	1	NA
CS4550 lec COMPUTER NETWORKS II	PD	84	44	0	1	1	1	1	1	1	NA
CS4550 lec DISTRIBUTED COMPUTING	PD	84	44	2	1	1	1	1	1	1	NA
CS4601 lec COMPUTER SECURITY	PD	84	44	3	6	6	6	6	6	6	NA
CS4602 lec ADV COMPUTER SECURITY	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab ADV C++ TOPICS	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lab ADV COMP SCIENCE	PD	84	88	1	0	1	1	1	1	1	NA
CS4800 lec ADV LANGUAGE TOPICS	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec ADV READ IN COMMUNICAT	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4800 lec ADV READ IN COMP SCIEN	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lab ADV SOFWARE ENGR	PD	84	66	0	1	1	1	1	1	1	NA
CS4800 lab ADV TELECOMMUNICATIONS	PD	84	55	1	0	1	1	1	1	1	NA
CS4800 lab ADV TOP VIRT WORLD INT	PD	84	44	1	0	1	1	1	1	1	NA
CS4800 lec ADV WIDE AREA NETWRK	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab ADVANCED PROGRAM C++	PD	84	55	1	0	1	1	1	1	1	NA
CS4800 lec Anl Y REAL TIME STUDY	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lec C++ ADVANCED PROGRAM	PD	84	44	1	0	1	1	1	1	1	NA
CS4800 lab COMP OF AERO MODELS	PD	84	88	1	0	1	1	1	1	1	NA
CS4800 lab CONST OF VISUAL SIMULA	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lec DATABASE SEMANTIC EQUI	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab DBASE TECH IN REAL TIM	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec DIGITAL SWITCHING	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec DIR STUDIES IN NETWRK	PD	84	44	0	2	2	2	2	2	2	NA
CS4800 lec DIRECTED STUDIES/CS	PD	84	11	1	0	1	1	1	1	1	NA
CS4800 lab DIRECTED STUDIES/CS	PD	84	22	1	0	1	1	1	1	1	NA
CS4800 lec DIRECTED STUDIES/CS	PD	84	33	1	1	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4800 lab DIRECTED STUDIES/CS	PD	84	44	1	1	1	1	1	1	1	NA
CS4800 lec DIRECTED STUDIES/CS	PD	84	44	2	0	2	2	2	2	2	NA
CS4800 lab DIRECTED STUDIES/CS	PD	84	88	2	1	1	1	1	1	1	NA
CS4800 lab GENETIC ALGORITHMS	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec GENETIC ALGORITHMS	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lab GRAPHICAL ROBOT DYNAMI	PD	84	33	0	1	1	1	1	1	1	NA
CS4800 lec HAND SENSOR INPUT P/C	PD	84	11	1	0	1	1	1	1	1	NA
CS4800 lab HAND SENSOR INPUT P/C	PD	84	22	1	0	1	1	1	1	1	NA
CS4800 lab LARGE DATABASE SYSTEMS	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab NAUT EXP SYS DEVELOPME	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lab NPS NET FUTURES III	PD	84	22	0	1	1	1	1	1	1	NA
CS4800 lab NPS SCRIPT FILES STDY	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lec NPSNET FUTURE STUD II	PD	84	22	0	2	2	2	2	2	2	NA
CS4800 lec NPSNET FUTURE STUDIES	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab NPSNET RESEAR GROUP	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec NPSNET RESEARCH GROUP	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab OBJ ORIEN DBASE DESIGN	PD	84	88	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4800 lec OBJ ORIENTED DBASES	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec OBJ/VISUAL ORIENT PROG	PD	84	22	1	0	1	1	1	1	1	NA
CS4800 lab OBJ/VISUAL ORIENT PROG	PD	84	44	1	0	1	1	1	1	1	NA
CS4800 lab OBJECT ORIENTED DBASES	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lec PROBLEM SOLVING	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec PROG TECH LARGE OBJ	PD	84	33	0	1	1	1	1	1	1	NA
CS4800 lec PROJ DOCUMENTATION	PD	84	11	0	1	1	1	1	1	1	NA
CS4800 lab PROJ DOCUMENTATION	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lab PROTOCOL TESTING	PD	84	88	1	0	1	1	1	1	1	NA
CS4800 lab REFER LOC IN LOOP PIPE	PD	84	33	0	1	1	1	1	1	1	NA
CS4800 lec RISC PROC ARCH	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lab ROBOTICS WITH R.B.M.	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lec SOFTWARE PROJECT MGMT	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec SUPERSCALAR COMP ARCH	PD	84	44	1	0	1	1	1	1	1	NA
CS4800 lab VIRTUAL REALITY	PD	84	88	0	1	1	1	1	1	1	NA
CS4800 lab VIRTUAL REALITY II	PD	84	44	1	0	1	1	1	1	1	NA
CS4800 lab VIRTUAL SOUND	PD	84	44	0	1	1	1	1	1	1	NA
CS4800 lec VISUAL PROG OBJ ORIENT	PD	84	22	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4800 lab VISUAL PROG OBJ ORIENT	PD	84	22	1	0	1	1	1	1	1	NA
CS4800 lab VISUAL PROGRAMMING	PD	84	66	1	0	1	1	1	1	1	NA
CS4800 lab VISUAL/OBJ ORIENTATED	PD	84	33	1	0	1	1	1	1	1	NA
CS4800 lab 3D COMBAT MODELING	PD	84	88	1	0	1	1	1	1	1	NA
CS4900 lab RESEARCH SEM, COMP SCI	PD	84	22	2	2	2	2	2	2	2	NA
CS4910 lec ADA IN ROBOTICS	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab ADA IN ROBOTICS	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab ADA REUSABLE COMP	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec ADV C++ FOR GRAPHICS	PD	84	11	1	0	1	1	1	1	1	NA
CS4910 lab ADV C++ FOR GRAPHICS	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lec ADV COMP ARCHITECTURE	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lec ADV DATA NETWORKS	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lec ADV DATABASE SECURITY	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lec ADV EXPRT SYS W KEE/CL	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab ADV EXPRT SYS W KEE/CL	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab ADV GENETIC ALGORITHMS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ADV GRAPHICS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec ADV PRGM IN CTT	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab ADV PRGM IN CTT	PD	84	22	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lec ADV PROG C C++	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab ADV PROG C C++	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab ADV PROG TOPICS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ADV READ IN COMP SCIEN	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ADV READINGS COMP NET	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec ADV STUD GENETIC ALGOR	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab ADV STUD GENETIC ALGOR	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab ADV STUDY IN COMP SIMU	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ADV TOPICS SOFT TESTIN	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ADV TOPICS TELECOMMUNI	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec ADVANCE TOPIC C++	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lab ADVANCE TOPIC C++	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab ADVANCED READINGS/CS	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab ADVANCED READINGS/CS	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	PD	84	44	2	0	2	2	2	2	2	NA
CS4910 lab ADVANCED READINGS/CS	PD	84	44	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lab ADVANCED READINGS/CS	PD	84	66	0	2	2	2	2	2	2	NA
CS4910 lab ADVANCED READINGS/CS	PD	84	88	2	5	5	5	5	5	5	NA
CS4910 lab ALGOR ANLY IN WAR GAME	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab ANTI SUB WARFARE SIMUL	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab APP OF XWINDOW TOOLKIT	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec AUTONOMOUS VEH/PATH FI	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lec C++ ADVANCED PROGRAMIN	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lab C++ ADVANCED PROGRAMIN	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab C++ DATABASE DESIGN	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lab C++ OBJ ORIENT DESIGN	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lec CAI DESIGN	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab COMP GRAPH IN WAVEFRON	PD	84	55	0	1	1	1	1	1	1	NA
CS4910 lab COMP INTERFACE DESIGN	PD	84	88	0	2	2	2	2	2	2	NA
CS4910 lab COMPUTATIONAL GEOMETRY	PD	84	66	1	1	1	1	1	1	1	NA
CS4910 lec COMPUTER GRAPHIC TUTOR	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lab COMPUTER GRAPHIC TUTOR	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab COMPUTER SECURITY	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lab COUR DEV FOR UNIX SEC	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lec DATA MODELS	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab DATABASE INTERFACES	PD	84	66	0	1	1	1	1	1	1	NA
CS4910 lec DATABASE SECURITY	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab DGN RES FOR HYPER NPS	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lec DOD SOFTWARE ACQ & MGT	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lec DOMAIN ANLY APPROACH	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab DOMAIN ANLY APPROACH	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lec EXP SYS APPL STUDIES	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab EXPERT SYSTEMS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab FEDERATED OODBMS	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab FUZZY LOGIC	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab GRAPHICS IN ADA	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lab HEXAPOD KINEMATICS	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab HIGH SPEED NETWORKS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab HUMAN COMP INTERFACE	PD	84	66	1	0	1	1	1	1	1	NA
CS4910 lab INTELL TUTOR SYSTEMS	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec INTRO TO TRANSPUTERS	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lec LGHT WGHT TRANS PROTOC	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lab LISP PROGRAMMING	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec LOCOMOTION CONTROL	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab LOCOMOTION CONTROL	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lec NET DIS OPER SYS	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lec NPS NET FUTURE STUDIES	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab NPS NET FUTURE STUDIES	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lec OBJ AUV HYDRODYN MODEL	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab OBJ ORIENT DATA MODELS	PD	84	55	0	1	1	1	1	1	1	NA
CS4910 lab OBJECT ORIENT DATABASE	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lab OBJECT-ORIENTED PROG	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lec OOP/OODBMS BROWSERS	PD	84	33	1	0	1	1	1	1	1	NA
CS4910 lab OOP/OODBMS BROWSERS	PD	84	11	1	0	1	1	1	1	1	NA
CS4910 lec OPTIMAL MOTION PLANNIN	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab OPTIMAL MOTION PLANNIN	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab PARALLEL ALGORITHMS	PD	84	66	1	0	1	1	1	1	1	NA
CS4910 lec PREDICATE LOGIC	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab PROG TOOLS ENVIRONMENT	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab QUATERNIONS IN GRAPHIC	PD	84	44	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lab RAL TIME SYS SCHEDULIN	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lec RBM IN ROBOTICS	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab RBM IN ROBOTICS	PD	84	66	0	1	1	1	1	1	1	NA
CS4910 lec RBM TACT LEV IMPLEMENT	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab RBM TACT LEV IMPLEMENT	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab READINGS IN DATABASE	PD	84	88	1	0	1	1	1	1	1	NA
CS4910 lab RISK Anl DIS REC PLAN	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lab ROBOT CONTROL THEORY	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lec ROBOT DYNAMICS	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab ROBOT DYNAMICS	PD	84	22	1	0	1	1	1	1	1	NA
CS4910 lab ROBOT KINEMAT IN LISP	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lec ROBOT MOTION CONTROL	PD	84	11	0	1	1	1	1	1	1	NA
CS4910 lab ROBOT MOTION CONTROL	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lab ROBOTICS APP OF OBJ OR	PD	84	33	0	1	1	1	1	1	1	NA
CS4910 lab ROBOTICS LANG DES SIMU	PD	84	66	0	1	1	1	1	1	1	NA
CS4910 lab ROBOTICS MOTION CONTRO	PD	84	66	0	1	1	1	1	1	1	NA
CS4910 lab SECURITY MODELING	PD	84	66	0	1	1	1	1	1	1	NA
CS4910 lec SEMINAR SOFTWARE TEST	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab SONAR EXPERT SYSTEMS	PD	84	88	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4910 lec STRUC OBJ ORIENT PROG	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab STRUC OBJ ORIENT PROG	PD	84	44	0	1	1	1	1	1	1	NA
CS4910 lec TAMPS DATABASE REVIEW	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab TESTING OF SAFENET	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lab THEORY OF COMPUTATION	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lec TRANS PARAL COMPUTING	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab TRANS PARAL COMPUTING	PD	84	22	0	1	1	1	1	1	1	NA
CS4910 lab UNIX SECURITY	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lab VIRTUAL WORLDS II	PD	84	88	0	1	1	1	1	1	1	NA
CS4910 lec VISUAL OBJ ORIENT PROG	PD	84	33	2	0	2	2	2	2	2	NA
CS4910 lab VISUAL OBJ ORIENT PROG	PD	84	11	1	0	1	1	1	1	1	NA
CS4910 lab WALKING ROBOT RESEARCH	PD	84	44	1	0	1	1	1	1	1	NA
CS4910 lab 3D HYPERTEXT R&D	PD	84	88	1	0	1	1	1	1	1	NA
CS4920 lec ADA REAL TIME SOFTWARE	PD	84	44	1	0	1	1	1	1	1	NA
CS4920 lab ADA REAL TIME SOFTWARE	PD	84	11	1	0	1	1	1	1	1	NA
CS4920 lec ADV TOPICS IN AI	PD	84	33	0	1	1	1	1	1	1	NA
CS4920 lec ADV TOPICS/CS	PD	84	33	1	0	1	1	1	1	1	NA
CS4920 lab ADV TOPICS/CS	PD	84	22	1	0	1	1	1	1	1	NA
CS4920 lec ADV TOPICS/CS	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4920 lec ADV WIDE AREA NTWK MGT	PD	84	44	0	1	1	1	1	1	1	NA
CS4920 lec COMPUTER INTERFACE DES	PD	84	33	0	1	1	1	1	1	1	NA
CS4920 lab COMPUTER INTERFACE DES	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lec COMPUTING & COMPLEXITY	PD	84	44	0	1	1	1	1	1	1	NA
CS4920 lec DIST DATABASE SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA
CS4920 lec EXP SYS IN ROBOTICS	PD	84	22	0	2	2	2	2	2	2	NA
CS4920 lab EXP SYS IN ROBOTICS	PD	84	22	0	2	2	2	2	2	2	NA
CS4920 lec HPOS W/KERBEROS	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lab HPOS W/KERBEROS	PD	84	44	0	1	1	1	1	1	1	NA
CS4920 lec INTRO TO COMP MGMT	PD	84	33	1	0	1	1	1	1	1	NA
CS4920 lab INTRO TO COMP MGMT	PD	84	11	1	0	1	1	1	1	1	NA
CS4920 lec KERBEROS NETWORK SECUR	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lab KERBEROS NETWORK SECUR	PD	84	44	0	1	1	1	1	1	1	NA
CS4920 lab ONLINE HELP SYS DEVEL	PD	84	88	0	1	1	1	1	1	1	NA
CS4920 lec PARALLEL COMPUTING	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lab PARALLEL COMPUTING	PD	84	11	0	1	1	1	1	1	1	NA
CS4920 lec PARALLEL COMPUTING	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
CS4920 lec PREDICATE CALCULUS	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lab PREDICATE CALCULUS	PD	84	44	0	1	1	1	1	1	1	NA
CS4920 lab PROG TOOL ENVIRONMENTS	PD	84	88	1	1	1	1	1	1	1	NA
CS4920 lec SCIENTIFIC VISUALIZATI	PD	84	33	0	1	1	1	1	1	1	NA
CS4920 lab SCIENTIFIC VISUALIZATI	PD	84	22	0	1	1	1	1	1	1	NA
CS4920 lec SOFTWARE CONFIG MGMT	PD	84	33	1	0	1	1	1	1	1	NA
CS4920 lec USER INTERFACE DESIGN	PD	84	11	0	1	1	1	1	1	1	NA
CS4920 lab USER INTERFACE DESIGN	PD	84	44	0	1	1	1	1	1	1	NA
EC0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
EC0950 lab SEMINAR	PD	84	11	4	4	4	4	4	4	4	NA
EC1010 lec INTRO TO MATLAB	PD	84	11	1	4	4	4	4	4	4	NA
EC2010 lec ANL SIGNALS & SYSTEMS	PD	84	33	0	3	3	3	3	3	3	NA
EC2010 lab ANL SIGNALS & SYSTEMS	PD	84	11	0	3	3	3	3	3	3	NA
EC2100 lec CIRCUIT ANALYSIS I	PD	84	33	2	2	2	2	2	2	2	NA
EC2100 lab CIRCUIT ANALYSIS I	PD	84	22	2	2	2	2	2	2	2	NA
EC2110 lec CIRCUIT ANALYSIS II	PD	84	33	2	2	2	2	2	2	2	NA
EC2110 lab CIRCUIT ANALYSIS II	PD	84	22	2	2	2	2	2	2	2	NA
EC2170 lec INTRO TO ELEC ENGPD84446555555NA											

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC2170 lab INTRO TO ELEC ENG	PD	84	22	6	5	5	5	5	5	5	NA
EC2200 lec ELEX ENGINEERING I	PD	84	33	2	3	3	3	3	3	3	NA
EC2200 lab ELEX ENGINEERING I	PD	84	33	2	3	3	3	3	3	3	NA
EC2210 lec ELEX ENGINEERING II	PD	84	33	3	2	2	2	2	2	2	NA
EC2210 lab ELEX ENGINEERING II	PD	84	22	3	2	2	2	2	2	2	NA
EC2220 lec DESIGN ELEC CIRCUITS	PD	84	22	2	2	2	2	2	2	2	NA
EC2220 lab DESIGN ELEC CIRCUITS	PD	84	44	2	2	2	2	2	2	2	NA
EC2250 lec ACCEL REV,ELEX ENGR	PD	84	44	1	1	1	1	1	1	1	NA
EC2250 lab ACCEL REV,ELEX ENGR	PD	84	22	1	1	1	1	1	1	1	NA
EC2270 lec ELTRONIC/ELECTRIC MACH	PD	84	44	4	2	2	2	2	2	2	NA
EC2270 lab ELTRONIC/ELECTRIC MACH	PD	84	22	4	2	2	2	2	2	2	NA
EC2300 lec CONTROL SYSTEMS	PD	84	33	4	4	4	4	4	4	4	NA
EC2300 lab CONTROL SYSTEMS	PD	84	22	4	4	4	4	4	4	4	NA
EC2320 lec LINEAR SYSTEMS	PD	84	33	3	2	2	2	2	2	2	NA
EC2400 lec DISCRETE SYSTEMS	PD	84	33	4	4	4	4	4	4	4	NA
EC2400 lab DISCRETE SYSTEMS	PD	84	22	3	4	4	4	4	4	4	NA
EC2410 lec FOURIER ANL:SGNL&SYS	PD	84	33	7	6	6	6	6	6	6	NA
EC2420 lec LINEAR SYSTEMS	PD	84	33	2	0	2	2	2	2	2	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC2450 lec ACCEL REV LINEAR SYSTM	PD	84	44	1	0	1	1	1	1	1	NA
EC2500 lec PRINCIPLES OF COM SYS	PD	84	33	6	5	5	5	5	5	5	NA
EC2500 lab PRINCIPLES OF COM SYS	PD	84	22	6	5	5	5	5	5	5	NA
EC2600 lec INTRO, FIELDS & WAVES	PD	84	44	3	3	3	3	3	3	3	NA
EC2610 lec ELECTROMAGNETIC ENGRG	PD	84	33	3	2	2	2	2	2	2	NA
EC2610 lab ELECTROMAGNETIC ENGRG	PD	84	11	3	2	2	2	2	2	2	NA
EC2650 lec ACCL REV ELECTROMAG	PD	84	44	1	1	1	1	1	1	1	NA
EC2650 lab ACCL REV ELECTROMAG	PD	84	22	1	1	1	1	1	1	1	NA
EC2800 lec INTRO:MICROPROCESSORS	PD	84	33	3	2	2	2	2	2	2	NA
EC2800 lab INTRO:MICROPROCESSORS	PD	84	22	3	2	2	2	2	2	2	NA
EC2810 lec DIGITAL MACHINES	PD	84	33	2	0	2	2	2	2	2	NA
EC2810 lab DIGITAL MACHINES	PD	84	22	2	0	2	2	2	2	2	NA
EC2820 lec DIGITAL LOGIC CIRCS	PD	84	33	3	3	3	3	3	3	3	NA
EC2820 lab DIGITAL LOGIC CIRCS	PD	84	22	3	3	3	3	3	3	3	NA
EC2890 lab DIGITAL CIRCUIT DESIGN	PD	84	66	0	1	1	1	1	1	1	NA
EC2990 lec ANTENNA DESIGN	PD	84	22	2	0	2	2	2	2	2	NA
EC2990 lab ANTENNA DESIGN	PD	84	44	2	0	2	2	2	2	2	NA
EC2990 lec CAD DESIGN	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab CAD DESIGN	PD	84	44	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC2990 lec DES OF DIG IF RECEIVER	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab DES OF DIG IF RECEIVER	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec DES PROJ IN EE	PD	84	22	14	3	3	3	3	3	3	NA
EC2990 lab DES PROJ IN EE	PD	84	44	14	3	3	3	3	3	3	NA
EC2990 lec DIGITAL RF POWER MEASU	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab DIGITAL RF POWER MEASU	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec ELECT ENGIN DESIGN	PD	84	22	0	1	1	1	1	1	1	NA
EC2990 lab ELECT ENGIN DESIGN	PD	84	44	0	1	1	1	1	1	1	NA
EC2990 lec EM SCATTERING	PD	84	22	0	1	1	1	1	1	1	NA
EC2990 lab EM SCATTERING	PD	84	44	0	1	1	1	1	1	1	NA
EC2990 lec ENERGY CIRCUITS	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab ENERGY CIRCUITS	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec EW LABORATORY ENHANCE	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab EW LABORATORY ENHANCE	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec FIBER OPTIC DATA LINKS	PD	84	22	0	1	1	1	1	1	1	NA
EC2990 lab FIBER OPTIC DATA LINKS	PD	84	44	0	1	1	1	1	1	1	NA
EC2990 lab FIBER OPTIC IMPLEMENTA	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec GPS	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab GPS	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec MISSILE CONTROLS	PD	84	22	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC2990 lab MISSILE CONTROLS	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec SIGNAL DESCRAMBLER	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab SIGNAL DESCRAMBLER	PD	84	44	1	0	1	1	1	1	1	NA
EC2990 lec SPEC STUD IN FIBER OP	PD	84	22	1	0	1	1	1	1	1	NA
EC2990 lab SPEC STUD IN FIBER OP	PD	84	44	1	0	1	1	1	1	1	NA
EC3210 lec INTRO ELECTRO-OPT ENG	PD	84	33	1	1	1	1	1	1	1	NA
EC3210 lab INTRO ELECTRO-OPT ENG	PD	84	11	1	1	1	1	1	1	1	NA
EC3270 lec POWER ELECTRONICS	PD	84	33	1	1	1	1	1	1	1	NA
EC3270 lab POWER ELECTRONICS	PD	84	11	1	0	1	1	1	1	1	NA
EC3270 lab POWER ELECTRONICS	PD	84	22	0	1	1	1	1	1	1	NA
EC3310 lec LINEAR OPTIMAL ESTMATN	PD	84	33	2	2	2	2	2	2	2	NA
EC3310 lab LINEAR OPTIMAL ESTMATN	PD	84	11	2	2	2	2	2	2	2	NA
EC3400 lec DIGITAL SIGNAL PROC	PD	84	33	2	2	2	2	2	2	2	NA
EC3400 lab DIGITAL SIGNAL PROC	PD	84	11	2	2	2	2	2	2	2	NA
EC3410 lec INTRO DISC-TIME PROC	PD	84	44	2	2	2	2	2	2	2	NA
EC3420 lec DIGITAL SIGNAL PROCESS	PD	84	33	2	2	2	2	2	2	2	NA
EC3420 lab DIGITAL SIGNAL PROCESS	PD	84	11	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC3440 lec IMAGE PROCSNG & RECOG	PD	84	33	1	0	1	1	1	1	1	NA
EC3440 lab IMAGE PROCSNG & RECOG	PD	84	22	1	0	1	1	1	1	1	NA
EC3450 lec ACOUSTIC FIELD THEORY	PD	84	44	1	1	1	1	1	1	1	NA
EC3500 lec ANALY RANDOM SIGNALS	PD	84	44	3	4	4	4	4	4	4	NA
EC3510 lec COMMUNICATIONS ENGRG	PD	84	33	2	3	3	3	3	3	3	NA
EC3510 lab COMMUNICATIONS ENGRG	PD	84	11	2	3	3	3	3	3	3	NA
EC3550 lec FIBEROPTIC SYSTEMS	PD	84	33	2	2	2	2	2	2	2	NA
EC3550 lab FIBEROPTIC SYSTEMS	PD	84	11	2	2	2	2	2	2	2	NA
EC3600 lec ELECTROMAG RADIATION	PD	84	33	2	2	2	2	2	2	2	NA
EC3600 lab ELECTROMAG RADIATION	PD	84	22	2	2	2	2	2	2	2	NA
EC3610 lec MICROWAVE CIRCUITS	PD	84	33	1	1	1	1	1	1	1	NA
EC3610 lab MICROWAVE CIRCUITS	PD	84	22	1	1	1	1	1	1	1	NA
EC3620 lec MICROWAVE DEVICES	PD	84	33	1	1	1	1	1	1	1	NA
EC3620 lab MICROWAVE DEVICES	PD	84	22	1	1	1	1	1	1	1	NA
EC3630 lec RADIOWAVE PROPAGATION	PD	84	33	1	1	1	1	1	1	1	NA
EC3640 lec ELECTRO ENVIRO EFFECTS	PD	84	33	1	1	1	1	1	1	1	NA
EC3650 lec COMPUT ELECTROMAG MODL	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC3650 lab COMPUT ELECTROMAG MODL	PD	84	22	1	1	1	1	1	1	1	NA
EC3670 lec PRINS OF RADAR SYSTS	PD	84	44	2	2	2	2	2	2	2	NA
EC3670 lab PRINS OF RADAR SYSTS	PD	84	22	2	2	2	2	2	2	2	NA
EC3800 lec MICROPROC SYST DESIGN	PD	84	33	2	2	2	2	2	2	2	NA
EC3800 lab MICROPROC SYST DESIGN	PD	84	22	2	2	2	2	2	2	2	NA
EC3820 lec COMPUTER SYSTEMS	PD	84	33	2	2	2	2	2	2	2	NA
EC3820 lab COMPUTER SYSTEMS	PD	84	11	2	2	2	2	2	2	2	NA
EC3830 lec DIGITAL DESIGN METHOD	PD	84	33	1	1	1	1	1	1	1	NA
EC3830 lab DIGITAL DESIGN METHOD	PD	84	22	1	1	1	1	1	1	1	NA
EC3840 lec INTRO COMPTR ARCHITECT	PD	84	33	0	1	1	1	1	1	1	NA
EC3840 lab INTRO COMPTR ARCHITECT	PD	84	11	0	1	1	1	1	1	1	NA
EC3910 lec A/D QUANTIZATION NOISE	PD	84	11	0	1	1	1	1	1	1	NA
EC3910 lab A/D QUANTIZATION NOISE	PD	84	22	0	1	1	1	1	1	1	NA
EC3910 lec COMMUNIC AND COUNTRMEA	PD	84	33	1	0	1	1	1	1	1	NA
EC3910 lec TOPICS IN EE	PD	84	33	0	1	1	1	1	1	1	NA
EC3910 lab TOPICS IN EE	PD	84	11	0	1	1	1	1	1	1	NA
EC3910 lab TOPICS IN EE	PD	84	44	0	1	1	1	1	1	1	NA
EC3930 lec TOPICS IN EE AND CE	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC3930 lab TOPICS IN EE AND CE	PD	84	11	1	0	1	1	1	1	1	NA
EC3940 lec SIGINT SYS&CAPABILITIE	PD	84	22	0	1	1	1	1	1	1	NA
EC3940 lab SIGINT SYS&CAPABILITIE	PD	84	22	0	1	1	1	1	1	1	NA
EC3950 lec INTRO TO ROBOTICS	PD	84	33	1	0	1	1	1	1	1	NA
EC3950 lab INTRO TO ROBOTICS	PD	84	11	1	0	1	1	1	1	1	NA
EC3960 lec ELECTRIC MACHINERY SYS	PD	84	33	1	0	1	1	1	1	1	NA
EC3960 lec ELECTRIC MACHINERY SYS	PD	84	44	0	1	1	1	1	1	1	NA
EC3990 lec SPACE POWER	PD	84	33	1	0	1	1	1	1	1	NA
EC3990 lab SPACE POWER	PD	84	11	1	0	1	1	1	1	1	NA
EC3990 lec ULTRA-WIDE BAND RADAR	PD	84	33	1	0	1	1	1	1	1	NA
EC4000 lec FUTURE ENGINEERING PRA	PD	84	33	2	2	2	2	2	2	2	NA
EC4010 lec PRINCIP SYS MANAGEMENT	PD	84	33	0	1	1	1	1	1	1	NA
EC4100 lec ADV NETWORK THEORY	PD	84	33	1	1	1	1	1	1	1	NA
EC4100 lab ADV NETWORK THEORY	PD	84	11	1	1	1	1	1	1	1	NA
EC4210 lec ELECTRO-OPTIC SYS ENGR	PD	84	33	1	1	1	1	1	1	1	NA
EC4310 lec DIGITAL CONTROL SYST	PD	84	33	1	0	1	1	1	1	1	NA
EC4320 lec DES, LINEAR CNTRL SYS	PD	84	44	1	1	1	1	1	1	1	NA
EC4330 lec NAVIGATN,MISL&AVIONICS	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4330 lab NAVIGATN,MISL&AVIONICS	PD	84	22	1	1	1	1	1	1	1	NA
EC4340 lec NAVIGATN,MISL&AVIONICS	PD	84	22	1	1	1	1	1	1	1	NA
EC4340 lab NAVIGATN,MISL&AVIONICS	PD	84	22	1	1	1	1	1	1	1	NA
EC4350 lec NONLINEAR SYSTEMS	PD	84	33	1	1	1	1	1	1	1	NA
EC4350 lab NONLINEAR SYSTEMS	PD	84	11	1	1	1	1	1	1	1	NA
EC4360 lec SYSTEM IDENTIFICATION	PD	84	33	1	1	1	1	1	1	1	NA
EC4360 lab SYSTEM IDENTIFICATION	PD	84	11	1	1	1	1	1	1	1	NA
EC4370 lec MATH MOD&SIM/CNTRL SYS	PD	84	44	1	1	1	1	1	1	1	NA
EC4410 lec SPEECH SIGNAL PROCESS	PD	84	33	1	1	1	1	1	1	1	NA
EC4410 lab SPEECH SIGNAL PROCESS	PD	84	11	1	1	1	1	1	1	1	NA
EC4420 lec MODERN SPECTRAL ESTIMA	PD	84	33	1	1	1	1	1	1	1	NA
EC4420 lab MODERN SPECTRAL ESTIMA	PD	84	11	1	1	1	1	1	1	1	NA
EC4440 lec DIGITAL SIGNAL PROCSNG	PD	84	33	1	0	1	1	1	1	1	NA
EC4440 lab DIGITAL SIGNAL PROCSNG	PD	84	11	1	0	1	1	1	1	1	NA
EC4450 lec SONAR SYSTEMS ENGRG	PD	84	44	2	2	2	2	2	2	2	NA
EC4450 lab SONAR SYSTEMS ENGRG	PD	84	11	2	2	2	2	2	2	2	NA
EC4460 lec PRIN OF SYSTEMS ENGRG	PD	84	33	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4470 lec ADAPTIVE SIGNAL PROCES	PD	84	33	1	1	1	1	1	1	1	NA
EC4470 lab ADAPTIVE SIGNAL PROCES	PD	84	11	1	1	1	1	1	1	1	NA
EC4480 lec IMAGE PROC & RECOGNI	PD	84	33	0	1	1	1	1	1	1	NA
EC4480 lab IMAGE PROC & RECOGNI	PD	84	22	0	1	1	1	1	1	1	NA
EC4490 lec OCEAN ACOUSTIC TOM	PD	84	33	1	1	1	1	1	1	1	NA
EC4550 lec DIGITAL COMMUNICATION	PD	84	44	2	2	2	2	2	2	2	NA
EC4560 lec COMMUNICATIONS ECCM	PD	84	33	1	1	1	1	1	1	1	NA
EC4560 lab COMMUNICATIONS ECCM	PD	84	22	1	1	1	1	1	1	1	NA
EC4570 lec DECISION & EST THEORY	PD	84	44	1	1	1	1	1	1	1	NA
EC4580 lec INFORMATION THEORY	PD	84	44	2	2	2	2	2	2	2	NA
EC4590 lec COMM SATELLITE SYST	PD	84	33	1	1	1	1	1	1	1	NA
EC4600 lec ADV ELECTROMAG THEORY	PD	84	33	1	1	1	1	1	1	1	NA
EC4610 lec RADAR SYSTEMS	PD	84	33	1	2	2	2	2	2	2	NA
EC4610 lab RADAR SYSTEMS	PD	84	22	1	2	2	2	2	2	2	NA
EC4620 lec RADAR SYSTEMS	PD	84	33	1	2	2	2	2	2	2	NA
EC4620 lab RADAR SYSTEMS	PD	84	22	1	2	2	2	2	2	2	NA
EC4660 lec HIGH FREQ TECHNIQUES	PD	84	44	1	1	1	1	1	1	1	NA
EC4670 lec ELECTRONIC WARFARE	PD	84	44	1	1	1	1	1	1	1	NA
EC4670 lab ELECTRONIC WARFARE	PD	84	11	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4680 lec ELEX WARFARE TECH&SYS	PD	84	33	1	1	1	1	1	1	1	NA
EC4680 lab ELEX WARFARE TECH&SYS	PD	84	33	1	1	1	1	1	1	1	NA
EC4690 lec PRINC ELECT WARFARE	PD	84	33	1	1	1	1	1	1	1	NA
EC4690 lab PRINC ELECT WARFARE	PD	84	22	1	1	1	1	1	1	1	NA
EC4800 lec ADV TOP IN COMP ARCHIT	PD	84	33	1	1	1	1	1	1	1	NA
EC4810 lec FAULT TOLERANT COMPTR	PD	84	33	0	1	1	1	1	1	1	NA
EC4810 lab FAULT TOLERANT COMPTR	PD	84	22	0	1	1	1	1	1	1	NA
EC4820 lec ADV COMPTR ARCHITECTUR	PD	84	33	0	1	1	1	1	1	1	NA
EC4820 lab ADV COMPTR ARCHITECTUR	PD	84	11	0	1	1	1	1	1	1	NA
EC4820 lec COMPTR ARCHITECTURES	PD	84	33	1	0	1	1	1	1	1	NA
EC4820 lab COMPTR ARCHITECTURES	PD	84	11	1	0	1	1	1	1	1	NA
EC4830 lec DIGITAL COMP DESIGN	PD	84	33	1	1	1	1	1	1	1	NA
EC4830 lab DIGITAL COMP DESIGN	PD	84	11	1	1	1	1	1	1	1	NA
EC4850 lec COMP COMM METHODS	PD	84	33	1	1	1	1	1	1	1	NA
EC4870 lec VLSI SYSTEMS DESIGN	PD	84	33	1	1	1	1	1	1	1	NA
EC4870 lab VLSI SYSTEMS DESIGN	PD	84	22	1	1	1	1	1	1	1	NA
EC4900 lec ACC REV ELECTROMGNETIC	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lab ACC REV ELECTROMGNETIC	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec ACOUSTIC SIGNAL LOCALI	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lab ACOUSTIC SIGNAL LOCALI	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec ACOUSTIC SIGNAL PROCES	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lab ACOUSTIC SIGNAL PROCES	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec ADA ENGINEERING APPLIC	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab ADA ENGINEERING APPLIC	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec ADV DIGITAL IC DESIGN	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lab ADV DIGITAL IC DESIGN	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec ADV FOURIER ANALYSIS	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec ADV TEST LAYOUT VLSI	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lab ADV TEST LAYOUT VLSI	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec ADV UNIX PROGRAMMING	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab ADV UNIX PROGRAMMING	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec ADV VLSI DESIGN	PD	84	11	0	2	2	2	2	2	2	NA
EC4900 lab ADV VLSI DESIGN	PD	84	44	1	2	2	2	2	2	2	NA
EC4900 lec ADV VLSI LAYOUT & DESI	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lab ADV VLSI LAYOUT & DESI	PD	84	55	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lab ADV VSLI DESIGN	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec ADV VSLI DESIGN	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec ADVANCED SLSI DESIGN	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lab ADVANCED SLSI DESIGN	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec ADVANCED VLSI DESIGN	PD	84	55	1	0	1	1	1	1	1	NA
EC4900 lab ADVANCED VLSI DESIGN	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec ADVANCED VSLI DESIGN	PD	84	33	2	0	2	2	2	2	2	NA
EC4900 lab ADVANCED VSLI DESIGN	PD	84	66	1	0	1	1	1	1	1	NA
EC4900 lec ANALOG VLSI	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lab ANALOG VLSI	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lec APP BACK PROPAGATION	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec ARMA MODEL TRANSIENT E	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec BANDPASS SIG SAMPLING	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec CACHE MEMORY BEHAVIOR	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lab CACHE MEMORY BEHAVIOR	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec CLASS. & ARCHIRING	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab CLASS. & ARCHIRING	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec CMPILE TECH GRAIN DATA	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec COMM SATELLITE SYS ENG	PD	84	33	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lec COMPILERS DISTR COMPUT	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec COMPUTER SECURITY	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab COMPUTER SECURITY	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec CYCLIC SPECTRUM ANALYS	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec DATA COMP CODE COMM	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec DGS ALGORITHM	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab DGS ALGORITHM	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec DIGITAL SIGPROL TECH	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec DIRECTION FIND TECHNI	PD	84	22	2	0	2	2	2	2	2	NA
EC4900 lec DISC WAVELET TRANSFORM	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec DITHER SIGNALS APPL	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lab DITHER SIGNALS APPL	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lec ELECTRIC MACHINE SIMUL	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec ELECTRO MECHANICAL MAC	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lab FILE ARCHIVING AND PAR	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec FUND OF GAAS DESIGN	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lab FUND OF GAAS DESIGN	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lec FUZZY LOG SYS/VEC QUAN	PD	84	33	2	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lec GAL ARS DIG INTEG CIR	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec GRP MEMBRSHP PROTOCOLS	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec INTEGRATED OPTICS	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lab INTEGRATED OPTICS	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec JAMMING ON RADAR PERFO	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec KF APPLICATIONS	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec LINK ENHANC DIST SYS	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab LINK ENHANC DIST SYS	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec LINK ENHANC NETWORK	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec LUX ILLUM ANALYSIS	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec LUX PRED ALGORITHMS	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec MICROWAVE CIRCUITS	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lab MICROWAVE CIRCUITS	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec MODEL OF DYNAMIC SYSTE	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec MODER AND DIGIT CONTRL	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec MODERN CTRL THEORY	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec MULTI DIMEN DIGIT SIG	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lab MULTI DIMEN DIGIT SIG	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lec MULTIRESOLUTION SIGNAL	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec NAVAL POWER SYSTEM	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec NETWORK PROGRAMMING	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lab NETWORK PROGRAMMING	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec NETWORK SECURITY	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab NETWORK SECURITY	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec NEURAL NET/FUZZY INTER	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab NEURAL NET/FUZZY INTER	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec NOISE IMPACTS ON COMMU	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec NONLINEAR CTRL SYS	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec PARABOLIC APPROXIMATIO	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec RAD HARD MICRO SPACE	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lab RAD HARD MICRO SPACE	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec RADAR PERFORMANCE	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec RADAR SIGNAL PROCESSIN	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec RELA OF C31 APPS TO CO	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lec RISC MICRO ARCHITECTUR	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab RISC MICRO ARCHITECTUR	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec ROUTE FLOW CTRL ATM	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec SCI & ATM VIDEO MULTI	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec SIGNAL MODELLING	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec SIGNALS INTELLIGENCE	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec SIMULATED ANNEALINGS	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab SIMULATED ANNEALINGS	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec SOLID STATE PWR CONVER	PD	84	44	0	1	1	1	1	1	1	NA
EC4900 lec SONAR RANGE ENHANCEMEN	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab SONAR RANGE ENHANCEMEN	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec SPEAKER RECOGNITION	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab SPEAKER RECOGNITION	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN ELEC ENGR	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN ELEC ENGR	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN SIGNAL PRO	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab SPEC TOP IN SIGNAL PRO	PD	84	22	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lec SPECIAL TOPICS IN EE	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lab SPECIAL TOPICS IN EE	PD	84	11	1	1	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	PD	84	22	1	1	1	1	1	1	1	NA
EC4900 lab SPECIAL TOPICS IN EE	PD	84	33	0	2	2	2	2	2	2	NA
EC4900 lec SPECIAL TOPICS IN EE	PD	84	33	2	1	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	PD	84	44	3	2	2	2	2	2	2	NA
EC4900 lec SPREAD SPECTRUM SYNCHR	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec STUDY OF CRYPTOGRAPHY	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lab STUDY OF CRYPTOGRAPHY	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec STUDY OF SILICON COMPI	PD	84	11	1	0	1	1	1	1	1	NA
EC4900 lab STUDY OF SILICON COMPI	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec TCP/IP PROTOCOLS	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec TOOLS FAULT TOLERANT D	PD	84	22	1	0	1	1	1	1	1	NA
EC4900 lec TROPOSPHER WAVE PROPAG	PD	84	44	1	0	1	1	1	1	1	NA
EC4900 lec TROPOSPHERIC PROPAGATI	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec TURBULENCE IN ATMOSPHE	PD	84	33	1	0	1	1	1	1	1	NA
EC4900 lec UHF SATELLITE CHANNEL	PD	84	22	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4900 lec ULTRA WIDEBAND RADAR	PD	84	33	0	1	1	1	1	1	1	NA
EC4900 lec VIRTUAL REAL LAB VIEW	PD	84	11	0	1	1	1	1	1	1	NA
EC4900 lab VIRTUAL REAL LAB VIEW	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lec VLSI IMPLEMENTATION	PD	84	22	0	1	1	1	1	1	1	NA
EC4900 lab VLSI IMPLEMENTATION	PD	84	66	0	1	1	1	1	1	1	NA
EC4900 lec WAVELET TRANSFORMS	PD	84	22	0	1	1	1	1	1	1	NA
EC4910 lec ADVANCED TOPICS IN EE	PD	84	33	1	0	1	1	1	1	1	NA
EC4910 lec APP METH MATCH LOAD	PD	84	33	1	0	1	1	1	1	1	NA
EC4910 lec DATA COMP MOBILE COMM	PD	84	66	0	1	1	1	1	1	1	NA
EC4910 lec KF APPLICATIONS	PD	84	33	0	1	1	1	1	1	1	NA
EC4910 lec ROBUST MULTVAR CONTROL	PD	84	33	0	1	1	1	1	1	1	NA
EC4910 lab ROBUST MULTVAR CONTROL	PD	84	22	0	1	1	1	1	1	1	NA
EC4910 lec SPACE POWER	PD	84	33	1	0	1	1	1	1	1	NA
EC4910 lab SPACE POWER	PD	84	11	1	0	1	1	1	1	1	NA
EC4910 lec SPECTOPICS CTRL THEORY	PD	84	44	0	1	1	1	1	1	1	NA
EC4910 lec THERMAL IMAGING TEMP D	PD	84	44	1	0	1	1	1	1	1	NA
EC4910 lab UAV/RPV	PD	84	44	0	1	1	1	1	1	1	NA
EC4910 lec WDM FOBER OPTIC NTWKS	PD	84	33	0	1	1	1	1	1	1	NA
EC4920 lec OPTICAL ENGINEERING	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4920 lec SPECIAL TOPICS IN EE	PD	84	33	1	0	1	1	1	1	1	NA
EC4920 lec TRELLIS CODED MODULATI	PD	84	33	1	0	1	1	1	1	1	NA
EC4940 lec SPECIAL TOPICS IN EE	PD	84	33	0	1	1	1	1	1	1	NA
EC4940 lab SPECIAL TOPICS IN EE	PD	84	22	0	1	1	1	1	1	1	NA
EC4950 lec SPECIAL TOPICS IN EE	PD	84	33	1	1	1	1	1	1	1	NA
EC4960 lec SPECIAL TOPICS IN EE	PD	84	33	0	1	1	1	1	1	1	NA
EC4960 lab SPECIAL TOPICS IN EE	PD	84	11	0	1	1	1	1	1	1	NA
EC4960 lec SPECIAL TOPICS IN EE	PD	84	44	1	0	1	1	1	1	1	NA
EC4970 lec RADAR SIGNAL PROCESSIN	PD	84	33	1	0	1	1	1	1	1	NA
EC4970 lec SPECIAL TOPICS IN EE	PD	84	44	0	1	1	1	1	1	1	NA
EC4970 lab SPECIAL TOPICS IN EE	PD	84	22	0	1	1	1	1	1	1	NA
EC4980 lec SPECIAL TOPICS IN EE	PD	84	33	1	0	1	1	1	1	1	NA
EC4980 lab SPECIAL TOPICS IN EE	PD	84	11	0	1	1	1	1	1	1	NA
EC4980 lec SPECIAL TOPICS IN EE	PD	84	44	0	1	1	1	1	1	1	NA
EC4990 lec ESM RECEIVERS	PD	84	22	0	1	1	1	1	1	1	NA
EC4990 lec RADAR SIGNAL PROCESSIN	PD	84	33	0	1	1	1	1	1	1	NA
EC4990 lec SPECIAL TOPICS IN EE	PD	84	22	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EC4990 lab SPECIAL TOPICS IN EE	PD	84	22	0	1	1	1	1	1	1	NA
EC4990 lec TOPS IN RADAR SIG PROC	PD	84	33	1	0	1	1	1	1	1	NA
EC4991 lec ULTRA WIDEBAND RADAR	PD	84	33	0	1	1	1	1	1	1	NA
EO2710 lec INTRO TO SIGNAL& SYS	PD	84	44	5	6	6	6	6	6	6	NA
EO2710 lab INTRO TO SIGNAL& SYS	PD	84	22	5	6	6	6	6	6	6	NA
EO2720 lec INTRO TO ELEC SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA
EO2720 lab INTRO TO ELEC SYSTEMS	PD	84	22	1	0	1	1	1	1	1	NA
EO2740 lec INTRO TO LINEAR SYSTMS	PD	84	44	2	2	2	2	2	2	2	NA
EO2740 lab INTRO TO LINEAR SYSTMS	PD	84	11	2	2	2	2	2	2	2	NA
EO2750 lec COMMO SYSTEMS	PD	84	44	5	7	7	7	7	7	7	NA
EO2750 lab COMMO SYSTEMS	PD	84	22	5	7	7	7	7	7	7	NA
EO2760 lec INTRO TO FILEDS, WAVES	PD	84	44	1	1	1	1	1	1	1	NA
EO2770 lec ELECTROMAGNETIC ENGRG	PD	84	33	1	1	1	1	1	1	1	NA
EO2770 lab ELECTROMAGNETIC ENGRG	PD	84	11	1	1	1	1	1	1	1	NA
EO2790 lec SURVEY OF COMM SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA
EO3512 lec COMMUN&COUNTERMEASURES	PD	84	33	0	1	1	1	1	1	1	NA
EO3512 lab COMMUN&COUNTERMEASURES	PD	84	11	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EO3720 lec ANALY RANDOM SIGNALS	PD	84	44	2	2	2	2	2	2	2	NA
EO3720 lab ANALY RANDOM SIGNALS	PD	84	11	2	2	2	2	2	2	2	NA
EO3740 lec SPACE POWER & RADIATIO	PD	84	33	1	2	2	2	2	2	2	NA
EO3740 lab SPACE POWER & RADIATIO	PD	84	11	1	2	2	2	2	2	2	NA
EO3750 lec COMM SYSTEM ANALYSIS	PD	84	44	3	6	6	6	6	6	6	NA
EO3760 lec ELECTROMAG RADIATION	PD	84	44	1	1	1	1	1	1	1	NA
EO3760 lab ELECTROMAG RADIATION	PD	84	22	1	1	1	1	1	1	1	NA
EO3780 lec ELEC WARFARE,COMPUTER	PD	84	33	1	1	1	1	1	1	1	NA
EO3780 lab ELEC WARFARE,COMPUTER	PD	84	22	1	1	1	1	1	1	1	NA
EO3816 lec COMP ARCH MILITARY APP	PD	84	33	0	1	1	1	1	1	1	NA
EO4730 lec ELECTRO-OPTIC SYS/CNTR	PD	84	33	1	1	1	1	1	1	1	NA
EO4730 lab ELECTRO-OPTIC SYS/CNTR	PD	84	11	1	0	1	1	1	1	1	NA
EO4760 lec MICROWAVE DEV & RADAR	PD	84	44	1	1	1	1	1	1	1	NA
EO4760 lab MICROWAVE DEV & RADAR	PD	84	22	1	1	1	1	1	1	1	NA
EO4780 lec ELEX WARFARE SYSTEMS	PD	84	33	1	1	1	1	1	1	1	NA
EO4780 lab ELEX WARFARE SYSTEMS	PD	84	22	1	1	1	1	1	1	1	NA
EO4790 lab UAV/RPF	PD	84	44	0	1	1	1	1	1	1	NA
EW0002 lab SEMINAR	PD	84	11	4	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
EW0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
EW4910 lec CON & APPL IN SPACE EW	PD	84	44	0	1	1	1	1	1	1	NA
IS0001 lab SEM COMPUTER SYS MGMNT	PD	84	22	4	4	4	4	4	4	4	NA
IS0123 lab COMPUTER SKILLS DEV	PD	84	22	2	2	2	2	2	2	2	NA
IS0810+ lab THESIS RESEARCH	PD	84	88	0	3	3	3	3	3	3	NA
IS2000 lec INTRO TO COMPUTER MGT	PD	84	33	3	3	3	3	3	3	3	NA
IS2000 lab INTRO TO COMPUTER MGT	PD	84	11	3	3	3	3	3	3	3	NA
IS3020 lec SOFWARE DESIGN	PD	84	33	3	4	4	4	4	4	4	NA
IS3020 lab SOFWARE DESIGN	PD	84	22	3	4	4	4	4	4	4	NA
IS3170 lec ECON EVAL INFO SYS I	PD	84	44	2	3	3	3	3	3	3	NA
IS3171 lec ECON EVAL INFO SYS II	PD	84	44	2	3	3	3	3	3	3	NA
IS3183 lec MGMT INFO SYSTEMS	PD	84	44	3	4	4	4	4	4	4	NA
IS3502 lec CMPTR NETWORKS: WA/LA	PD	84	44	2	4	4	4	4	4	4	NA
IS3503 lec MICROCOMPUTER NETWORKS	PD	84	33	1	1	1	1	1	1	1	NA
IS3503 lab MICROCOMPUTER NETWORKS	PD	84	22	1	1	1	1	1	1	1	NA
IS4182 lec INFO SYSTS MGMT	PD	84	44	4	2	2	2	2	2	2	NA
IS4183 lec APPL OF DATABASE MGT	PD	84	44	4	3	3	3	3	3	3	NA
IS4183 lab APPL OF DATABASE MGT	PD	84	11	4	3	3	3	3	3	3	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
IS4184 lec INFO RESOURCE MGMT	PD	84	44	2	0	2	2	2	2	2	NA
IS4185 lec DECISION SUPPORT SYSTS	PD	84	44	4	3	3	3	3	3	3	NA
IS4185 lab DECISION SUPPORT SYSTS	PD	84	11	4	3	3	3	3	3	3	NA
IS4200 lec SYST Anl Y & DESIGN	PD	84	44	4	3	3	3	3	3	3	NA
IS4300 lec SOFTWARE ENGRG & MGMT	PD	84	44	4	3	3	3	3	3	3	NA
IS4320 lec DBASE & INFORM RES C3	PD	84	44	1	2	2	2	2	2	2	NA
IS4502 lec TELECOMMUNICATIONS NET	PD	84	44	2	2	2	2	2	2	2	NA
IS4800 lec ADV INFO SYS	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec ADV TOP IN DATA MODEL	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lab ADV TOP IN DATA MODEL	PD	84	11	0	1	1	1	1	1	1	NA
IS4800 lec ADV WIRE LOCAL NETWORK	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec APPL THEILS INEQ TEST	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec ARTIFICIAL INTELLIGENC	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec BUSINESS PROCESS REENG	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec CALS RESEARCH	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec CHANGE IMPLEMENTATION	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec COMP SUPT COLLABORATIV	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec COST BENEFIT Anl ADP	PD	84	44	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
IS4800 lec DBASE PROJECT	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec DIR STUD ADV INFO SYS	PD	84	33	1	0	1	1	1	1	1	NA
IS4800 lab DIR STUD ADV INFO SYS	PD	84	11	0	1	1	1	1	1	1	NA
IS4800 lec DIR STUD ADV INFO SYS	PD	84	44	5	6	6	6	6	6	6	NA
IS4800 lec DIR STUD INFO TECHNOLO	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec DOD DOCUMENTATION	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec DYN DEC SYS SIM IN C	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec DYNAMIC DECISION SYS	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec ECON TECH INFO SYSTEMS	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec EMBEDDED COMP SYSTEMS	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec EVAL ACADEMIC RESOURCE	PD	84	44	0	2	2	2	2	2	2	NA
IS4800 lab EVAL ACADEMIC RESOURCE	PD	84	11	0	2	2	2	2	2	2	NA
IS4800 lec EVAL OF UNIX O.S.	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec EXPERT SYS DEVELOPMENT	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec FOCUS GRP RES. FOR MUL	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec GENETIC PROGRAMMING	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec GEOGRAPHIC INFO SYSTEM	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec GRAPH USER INTER DESIG	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
IS4800 lec GROUP DECISION SUP SYS	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec HEALTHCARE PLAN MODEL	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec IMPLEM ANDREW TOOLKIT	PD	84	22	0	1	1	1	1	1	1	NA
IS4800 lec INFO SYS DEV COUNTRIES	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec MEASURING PRODUCTIVITY	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec MILITARY SATCOM ISSUES	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec MULTI MEDIA CD ROM	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec MULTIMEDIA	PD	84	44	0	2	2	2	2	2	2	NA
IS4800 lec MULTIMEDIA INFO DESIGN	PD	84	33	0	1	1	1	1	1	1	NA
IS4800 lab MULTIMEDIA INFO DESIGN	PD	84	11	0	1	1	1	1	1	1	NA
IS4800 lec OPTICAL INFO SYSTEMS	PD	84	33	1	0	1	1	1	1	1	NA
IS4800 lec PROCESS REDESIGN	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec PROG IN EXPERT SYS	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec REFINE	PD	84	33	0	1	1	1	1	1	1	NA
IS4800 lec REQUIREMENTS TRACEABLI	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec SEMANTIC ISSUES HETERO	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec SEMINAR IN INFO SYS	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec SPEC ADV DBASE APP DEV	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MA3610 lec INTRO, GEN TOPOLOGY	PD	84	33	1	1	1	1	1	1	1	NA
MA3675 lec COMPLEX VARIABLE I	PD	84	33	2	1	1	1	1	1	1	NA
MA3676 lec COMPLEX VARIABLE II	PD	84	33	1	1	1	1	1	1	1	NA
MA3730 lec NUMERICAL COMPUTATION	PD	84	33	1	0	1	1	1	1	1	NA
MA4026 lec COMBINATORIAL MATHEMAT	PD	84	44	1	2	2	2	2	2	2	NA
MA4027 lec GRAPH THEORY & APPLICA	PD	84	44	1	2	2	2	2	2	2	NA
MA4103 lec THESIS TOPICS SEMINAR	PD	84	33	1	1	1	1	1	1	1	NA
MA4230 lec NUMRCL FUNCTIONAL ANLS	PD	84	33	1	0	1	1	1	1	1	NA
MA4237 lec ADV TOP IN NUM ANALYSI	PD	84	22	1	2	2	2	2	2	2	NA
MA4237 lab ADV TOPICS, NUM Anl Y	PD	84	11	0	1	1	1	1	1	1	NA
MA4237 lec ADV TOPICS, NUM Anl Y	PD	84	33	0	2	2	2	2	2	2	NA
MA4237 lec ADV TOPICS, NUM Anl Y	PD	84	44	1	3	3	3	3	3	3	NA
MA4237 lec CRYPTOGRAPHY	PD	84	44	1	0	1	1	1	1	1	NA
MA4243 lec NUMERICAL SOL DIFF PRO	PD	84	33	1	0	1	1	1	1	1	NA
MA4243 lab NUMERICAL SOL DIFF PRO	PD	84	11	1	0	1	1	1	1	1	NA
MA4245 lec FINITE ELEMENT METHODS	PD	84	33	1	0	1	1	1	1	1	NA
MA4248 lec MATRIX COMPUTATIONS	PD	84	33	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MA2138 lec TOP CALC & DIFF EQNS	PD	84	55	3	2	2	2	2	2	2	NA
MA2300 lec MATH FOR MANAGEMENT	PD	84	55	7	7	7	7	7	7	7	NA
MA3026 lec DISCRETE MATH	PD	84	55	3	3	3	3	3	3	3	NA
MA3042 lec LINEAR ALGEBRA	PD	84	44	7	6	6	6	6	6	6	NA
MA3046 lec MATRX & COMP LNR ALGEB	PD	84	44	2	1	1	1	1	1	1	NA
MA3046 lab MATRX & COMP LNR ALGEB	PD	84	11	2	1	1	1	1	1	1	NA
MA3110 lec INTERMED ANALYSIS	PD	84	44	3	4	4	4	4	4	4	NA
MA3132 lec PART DIFF EQ INT TRANS	PD	84	44	9	8	8	8	8	8	8	NA
MA3139 lec FOURIER Anl Y,DIFF EQN	PD	84	44	2	2	2	2	2	2	2	NA
MA3232 lec NUMERICAL ANALYSIS	PD	84	44	4	4	4	4	4	4	4	NA
MA3232 lab NUMERICAL ANALYSIS	PD	84	11	4	4	4	4	4	4	4	NA
MA3243 lec NUM METH PAR DIFF EQ	PD	84	44	3	0	3	3	3	3	3	NA
MA3243 lab NUM METH PAR DIFF EQ	PD	84	11	3	0	3	3	3	3	3	NA
MA3393 lec TOPICS IN APPLIED MATH	PD	84	33	1	2	2	2	2	2	2	NA
MA3400 lec MATH MODELING PROCESS	PD	84	44	2	2	2	2	2	2	2	NA
MA3560 lec MODERN APPLIED ALGEBRA	PD	84	33	1	1	1	1	1	1	1	NA
MA3605 lec FUND OF ANALYSIS I	PD	84	33	1	1	1	1	1	1	1	NA
MA3606 lec FUND OF ANALYSIS II	PD	84	33	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
IS4800 lec SYS Anl Y & DESIGN	PD	84	33	0	1	1	1	1	1	1	NA
IS4800 lec SYS DEVEL USING AI	PD	84	33	0	1	1	1	1	1	1	NA
IS4800 lec TCP/IP GOSIP TRANSITIO	PD	84	44	0	1	1	1	1	1	1	NA
IS4800 lec WINDOWS TOOLKIT PROGRA	PD	84	44	1	0	1	1	1	1	1	NA
IS4800 lec WIRELESS MOBILE COMMUN	PD	84	44	0	1	1	1	1	1	1	NA
IS4925 lec ADV STUDY EXP SYS	PD	84	44	1	1	1	1	1	1	1	NA
IS4925 lec EVAL DOD SOFTWARE SYS	PD	84	44	1	0	1	1	1	1	1	NA
IS4925 lec INTRO TO COMP MGMT	PD	84	33	0	1	1	1	1	1	1	NA
IS4925 lab INTRO TO COMP MGMT	PD	84	11	0	1	1	1	1	1	1	NA
IS4925 lec MIS IN DOD	PD	84	44	0	1	1	1	1	1	1	NA
IS4925 lec MULTIMEDIA AUTHORING	PD	84	22	0	1	1	1	1	1	1	NA
IS4925 lab MULTIMEDIA AUTHORING	PD	84	22	0	1	1	1	1	1	1	NA
IS4925 lec NETWORK TECH HYPERTAT	PD	84	44	1	0	1	1	1	1	1	NA
IS4925 lec SEMINAR INFO SYS	PD	84	44	0	1	1	1	1	1	1	NA
IS4925 lec SEMINAR INFO SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA
IT1500 lec AMERICAN LIFE & INST	PD	84	33	4	4	4	4	4	4	4	NA
IT1701 lec COMMUNICATION SKILL 1	PD	84	44	1	0	1	1	1	1	1	NA
MA0117 lec REFRESHER MATH	PD	84	33	5	6	6	6	6	6	6	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MA0117 lab REFRESHER MATH	PD	84	33	5	6	6	6	6	6	6	NA
MA0118 lec REFRESHER MATH	PD	84	33	4	4	4	4	4	4	4	NA
MA0118 lab REFRESHER MATH	PD	84	33	4	4	4	4	4	4	4	NA
MA0125 lec LOGIC & SET THEORY	PD	84	33	1	4	4	4	4	4	4	NA
MA0142 lec RFRSHR: MATRIX ALGEBRA	PD	84	22	3	4	4	4	4	4	4	NA
MA0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
MA1042 lec MATRIX ALGEBRA	PD	84	22	8	7	7	7	7	7	7	NA
MA1117 lec SINGLE VARIABLE CALC	PD	84	55	12	11	11	11	11	11	11	NA
MA1117 lab SINGLE VARIABLE CALC	PD	84	22	12	11	11	11	11	11	11	NA
MA1118 lec MULTIVARIABLE CALC	PD	84	55	13	13	13	13	13	13	13	NA
MA1118 lab MULTIVARIABLE CALC	PD	84	22	13	13	13	13	13	13	13	NA
MA1248 lec APPL MATH C3,SS,COM	PD	84	44	5	6	6	6	6	6	6	NA
MA1248 lab APPL MATH C3,SS,COM	PD	84	11	5	6	6	6	6	6	6	NA
MA2025 lec BRIDGE TO ADV MATH	PD	84	44	3	3	3	3	3	3	3	NA
MA2025 lab BRIDGE TO ADV MATH	PD	84	11	3	3	3	3	3	3	3	NA
MA2049 lec VECTOR Anl YSIS	PD	84	33	10	6	6	6	6	6	6	NA
MA2121 lec DIFFERENTIAL EQUATIONS	PD	84	44	13	12	12	12	12	12	12	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MA4248 lab MATRIX COMPUTATIONS	PD	84	11	1	0	1	1	1	1	1	NA
MA4261 lec PARALLEL SCIEN COMPUTA	PD	84	33	0	1	1	1	1	1	1	NA
MA4261 lab PARALLEL SCIEN COMPUTA	PD	84	22	0	1	1	1	1	1	1	NA
MA4303 lec REGRESSION ANALYSIS	PD	84	44	0	1	1	1	1	1	1	NA
MA4311 lec CALCULUS OF VARIATIONS	PD	84	33	1	1	1	1	1	1	1	NA
MA4322 lec PRIN & TECH APLD MATHI	PD	84	33	1	1	1	1	1	1	1	NA
MA4323 lec PRIN & TECH APL MATHII	PD	84	33	1	1	1	1	1	1	1	NA
MA4362 lec ORBITAL MECHANICS	PD	84	33	1	2	2	2	2	2	2	NA
MA4372 lec INTEGRAL TRANSFORMS	PD	84	33	1	1	1	1	1	1	1	NA
MA4391 lec ANL METH, FLUID DYN	PD	84	44	0	1	1	1	1	1	1	NA
MA4392 lec NUM METH,FLUID DYN	PD	84	44	0	1	1	1	1	1	1	NA
MA4393 lec ELAS & BEAM VIBRATION	PD	84	33	0	1	1	1	1	1	1	NA
MA4393 lec FOURIER Anl & TRANSFO	PD	84	33	0	1	1	1	1	1	1	NA
MA4393 lec MULTIGRID,LEVEL METHOD	PD	84	11	1	0	1	1	1	1	1	NA
MA4393 lab MULTIGRID,LEVEL METHOD	PD	84	22	1	0	1	1	1	1	1	NA
MA4393 lec SCIENT SFTWRE COMPUTAT	PD	84	33	0	1	1	1	1	1	1	NA
MA4393 lab SCIENT SFTWRE COMPUTAT	PD	84	11	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MA4393 lec SEMINAR IN CHAOS	PD	84	33	0	1	1	1	1	1	1	NA
MA4393 lec TENSOR Anl YSIS	PD	84	33	1	0	1	1	1	1	1	NA
MA4393 lec TOPICS, APPL MATH	PD	84	33	5	8	8	8	8	8	8	NA
MA4393 lab TOPICS, APPL MATH	PD	84	11	0	1	1	1	1	1	1	NA
MA4560 lec CODING & INFO THEORY	PD	84	44	1	0	1	1	1	1	1	NA
MA4565 lec MODERN ADV ALGEBRA	PD	84	33	1	1	1	1	1	1	1	NA
MA4570 lec CRYPTOGRAPHY	PD	84	44	1	0	1	1	1	1	1	NA
MA4593 lec TOPICS IN ALGEBRA	PD	84	33	1	2	2	2	2	2	2	NA
MA4595 lec FAST SIG ALGORITHMS	PD	84	33	0	1	1	1	1	1	1	NA
MA4620 lec THEORY OF ORD DIFF EQ	PD	84	33	2	0	2	2	2	2	2	NA
MA4635 lec REAL VARIABLES I	PD	84	33	1	1	1	1	1	1	1	NA
MA4636 lec REAL VARIABLES II	PD	84	33	1	1	1	1	1	1	1	NA
MA4693 lec SPECIAL FUNCTIONS	PD	84	33	0	1	1	1	1	1	1	NA
MA4693 lec TOPICS IN Anl YSIS	PD	84	33	1	0	1	1	1	1	1	NA
ME0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
ME0951 lab SEMINARS	PD	84	11	1	1	1	1	1	1	1	NA
ME1000 lec PREP, PROF ENG REGISTR	PD	84	33	1	1	1	1	1	1	1	NA
ME2101 lec ENGRG THERMODYNAMICS	PD	84	44	3	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
ME2101 lab ENGRG THERMODYNAMICS	PD	84	11	3	4	4	4	4	4	4	NA
ME2201 lec INTRO,FLUID MECHANICS	PD	84	33	4	4	4	4	4	4	4	NA
ME2201 lab INTRO,FLUID MECHANICS	PD	84	22	4	4	4	4	4	4	4	NA
ME2301 lec INTRO NAVAL ARCHITECT	PD	84	33	1	0	1	1	1	1	1	NA
ME2301 lab INTRO NAVAL ARCHITECT	PD	84	11	1	0	1	1	1	1	1	NA
ME2440 lec DIGITAL COMP ENGR TOOL	PD	84	33	2	2	2	2	2	2	2	NA
ME2441 lab ENGRG COMPUTATION LAB	PD	84	22	4	2	2	2	2	2	2	NA
ME2501 lec STATICS	PD	84	33	4	3	3	3	3	3	3	NA
ME2502 lec DYNAMICS	PD	84	44	4	3	3	3	3	3	3	NA
ME2502 lab DYNAMICS	PD	84	11	4	3	3	3	3	3	3	NA
ME2601 lec MECHANICS OF SOLIDS	PD	84	33	2	2	2	2	2	2	2	NA
ME2601 lab MECHANICS OF SOLIDS	PD	84	22	2	2	2	2	2	2	2	NA
ME2801 lec INTRO ENGR SYS DYNAMIC	PD	84	33	2	2	2	2	2	2	2	NA
ME2801 lab INTRO ENGR SYS DYNAMIC	PD	84	22	2	2	2	2	2	2	2	NA
ME3150 lec HEAT TRANSFER	PD	84	44	2	2	2	2	2	2	2	NA
ME3150 lab HEAT TRANSFER	PD	84	11	0	2	2	2	2	2	2	NA
ME3150 lab HEAT TRANSFER	PD	84	22	2	0	2	2	2	2	2	NA
ME3201 lec INTERMED FLUID MECH	PD	84	33	2	2	2	2	2	2	2	NA
ME3201 lab INTERMED FLUID MECH	PD	84	22	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
ME3220 lec STEAM PWR,REFRIG,TURBO	PD	84	33	2	2	2	2	2	2	2	NA
ME3220 lab STEAM PWR,REFRIG,TURBO	PD	84	22	2	2	2	2	2	2	2	NA
ME3240 lec GAS TURBINE PLANTS	PD	84	33	3	2	2	2	2	2	2	NA
ME3241 lab POWER PLANTS LAB	PD	84	33	8	4	4	4	4	4	4	NA
ME3410 lec MECH ENG & INST MEASU	PD	84	22	4	5	5	5	5	5	5	NA
ME3410 lab MECH ENG & INST MEASU	PD	84	44	4	5	5	5	5	5	5	NA
ME3440 lec ENGINEERING ANALYSIS	PD	84	44	1	2	2	2	2	2	2	NA
ME3521 lec MECHANICAL VIBRATION	PD	84	33	3	2	2	2	2	2	2	NA
ME3521 lab MECHANICAL VIBRATION	PD	84	22	3	2	2	2	2	2	2	NA
ME3611 lec MECHANICS OF SOLIDS II	PD	84	44	2	2	2	2	2	2	2	NA
ME3711 lec DESIGN, MACHINE ELEMTS	PD	84	44	2	2	2	2	2	2	2	NA
ME3711 lab DESIGN, MACHINE ELEMTS	PD	84	11	2	2	2	2	2	2	2	NA
ME3801 lec LINEAR CONTROL SYSTEMS	PD	84	33	2	2	2	2	2	2	2	NA
ME3802 lab CONTROLS LABORATORY	PD	84	22	3	8	8	8	8	8	8	NA
ME4160 lec APPL OF HEAT TRANSFER	PD	84	44	1	1	1	1	1	1	1	NA
ME4161 lec CONDUCTION HEAT TRANSF	PD	84	44	2	1	1	1	1	1	1	NA
ME4162 lec CONVECTION HEAT TRANSF	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
ME4163 lec RADIATION HEAT TRANSF	PD	84	33	0	1	1	1	1	1	1	NA
ME4211 lec HYDRODYNAMICS	PD	84	44	1	1	1	1	1	1	1	NA
ME4220 lec VISCOUS FLOW	PD	84	44	2	0	2	2	2	2	2	NA
ME4522 lec VIBRATION,NOISE,SHOCK	PD	84	44	1	2	2	2	2	2	2	NA
ME4525 lec SHOCK DESIGN & Anl YS	PD	84	44	1	1	1	1	1	1	1	NA
ME4550 lec RANDOM VIBRATIONS	PD	84	33	1	1	1	1	1	1	1	NA
ME4550 lab RANDOM VIBRATIONS	PD	84	22	1	1	1	1	1	1	1	NA
ME4612 lec ADV MECH OF SOLIDS	PD	84	44	1	1	1	1	1	1	1	NA
ME4613 lec FINITE ELEMENT METHODS	PD	84	44	1	1	1	1	1	1	1	NA
ME4620 lec THEORY, CONT MEDIA	PD	84	44	1	0	1	1	1	1	1	NA
ME4721 lec MARINE VEHICLE DESIGN	PD	84	22	2	0	2	2	2	2	2	NA
ME4721 lab MARINE VEHICLE DESIGN	PD	84	44	2	0	2	2	2	2	2	NA
ME4722 lec MARINE ENGRG DESIGN	PD	84	22	1	2	2	2	2	2	2	NA
ME4722 lab MARINE ENGRG DESIGN	PD	84	44	1	2	2	2	2	2	2	NA
ME4731 lec ENGRG DES OPTIMIZATION	PD	84	44	1	1	1	1	1	1	1	NA
ME4811 lec MODERN CONTROL SYSTEMS	PD	84	33	1	2	2	2	2	2	2	NA
ME4811 lab MODERN CONTROL SYSTEMS	PD	84	22	1	2	2	2	2	2	2	NA
ME4812 lec FLUID POWER CONTROL	PD	84	33	2	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
ME4813 lab FLUID POWER LAB	PD	84	22	2	1	1	1	1	1	1	NA
ME4821 lec ADVANCED DYNAMICS	PD	84	33	2	1	1	1	1	1	1	NA
ME4821 lab ADVANCED DYNAMICS	PD	84	22	2	1	1	1	1	1	1	NA
ME4823 lec DYNAMICS OF MARINE VEH	PD	84	44	1	2	2	2	2	2	2	NA
ME4902 lec ADV TOP IN HYDRODYNAMI	PD	84	44	1	1	1	1	1	1	1	NA
ME4902 lec NAV SHIP SHOCK DES ANL	PD	84	44	0	1	1	1	1	1	1	NA
MN0001 lab SEMINAR ADMIN SCIENCE	PD	84	22	4	4	4	4	4	4	4	NA
MN0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
MN2031 lec ECON DECISION MAKING	PD	84	44	5	7	7	7	7	7	7	NA
MN2039 lec QUANTI METHO ECON ANLS	PD	84	44	0	1	1	1	1	1	1	NA
MN2111 lab MNPWR PERS & TRNG I	PD	84	22	2	1	1	1	1	1	1	NA
MN2112 lab MNPWR PERS & TRNG II	PD	84	22	2	1	1	1	1	1	1	NA
MN2113 lab MNPWR PERS & TRNG III	PD	84	22	2	1	1	1	1	1	1	NA
MN2150 lec FINANCIAL ACCTNG	PD	84	44	7	6	6	6	6	6	6	NA
MN2155 lec ACCOUNTING FOR MGMT	PD	84	44	3	4	4	4	4	4	4	NA
MN2302 lab ACQUISITN & CONTRACTNG	PD	84	22	4	4	4	4	4	4	4	NA
MN2303 lab SEMINAR FOR PROGRM MGT	PD	84	22	4	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN2998 lec MACRO ECONOMICS	PD	84	44	0	1	1	1	1	1	1	NA
MN3105 lec ORGANIZATION & MGT	PD	84	44	10	10	10	10	10	10	10	NA
MN3111 lec PERS MGMT PROCESSES	PD	84	44	2	2	2	2	2	2	2	NA
MN3140 lec MICROECONOMIC THEORY	PD	84	44	6	8	8	8	8	8	8	NA
MN3154 lec FIN MGMT, ARMED FORCES	PD	84	44	6	5	5	5	5	5	5	NA
MN3161 lec MANAG ACCOUNTING	PD	84	44	7	8	8	8	8	8	8	NA
MN3172 lec PUB POLICY PROCESSES	PD	84	44	6	8	8	8	8	8	8	NA
MN3301 lec SYS ACQSN & MGMT	PD	84	44	11	10	10	10	10	10	10	NA
MN3303 lec ACQUISITION, CONTRACT	PD	84	44	2	2	2	2	2	2	2	NA
MN3304 lec CONTRACT PRICING & NEG	PD	84	55	2	2	2	2	2	2	2	NA
MN3304 lab CONTRACT PRICING & NEG	PD	84	22	2	2	2	2	2	2	2	NA
MN3305 lec CONTRACT ADMIN	PD	84	33	2	2	2	2	2	2	2	NA
MN3307 lec ADP ACQUISITION	PD	84	44	3	2	2	2	2	2	2	NA
MN3312 lec CONTRACT LAW	PD	84	33	2	2	2	2	2	2	2	NA
MN3333 lec MANAGERIAL COMM SKILLS	PD	84	44	9	10	10	10	10	10	10	NA
MN3334 lab MGNRL COM LAB FOR INTL	PD	84	11	1	0	1	1	1	1	1	NA
MN3371 lec CONTRACTS MGMT & ADMIN	PD	84	44	4	4	4	4	4	4	4	NA
MN3372 lec MATERIAL LOGISTICS	PD	84	44	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN3373 lec TRANSPORTATION MGMT I	PD	84	44	1	1	1	1	1	1	1	NA
MN3374 lec PRODUCTION MANAGEMENT	PD	84	44	2	2	2	2	2	2	2	NA
MN3375 lec MAT'L HANDLING SYSTEMS	PD	84	44	1	1	1	1	1	1	1	NA
MN3377 lec INVENTORY MGMT	PD	84	44	2	2	2	2	2	2	2	NA
MN3760 lec MANPOWER ECONOMICS I	PD	84	44	2	1	1	1	1	1	1	NA
MN3805 lec TQL & THE MILITARY	PD	84	22	0	1	1	1	1	1	1	NA
MN3900 lec READING IN ADMIN SCI	PD	84	44	2	2	2	2	2	2	2	NA
MN3900 lec READINGS IN UNIT COST	PD	84	44	1	0	1	1	1	1	1	NA
MN3900 lec THE STRATEGIS PROCESS	PD	84	44	0	1	1	1	1	1	1	NA
MN3902 lab MPT COMP SKILLS ENHAN	PD	84	22	3	2	2	2	2	2	2	NA
MN4105 lec MANAGEMENT POLICY	PD	84	44	8	7	7	7	7	7	7	NA
MN4106 lec MAN/PER POLICY Anl Y	PD	84	44	1	2	2	2	2	2	2	NA
MN4110 lec MULTIV MPR DATA ANLS I	PD	84	55	3	1	1	1	1	1	1	NA
MN4110 lab MULTIV MPR DATA ANLS I	PD	84	11	3	1	1	1	1	1	1	NA
MN4111 lec MULTIV MPR DATA Anl II	PD	84	55	3	2	2	2	2	2	2	NA
MN4111 lab MULTIV MPR DATA Anl II	PD	84	11	3	2	2	2	2	2	2	NA
MN4115 lec TRAINING FUNDATION/MGT	PD	84	44	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN4119 lec SEM,MANPOWER ANALYSIS	PD	84	44	1	2	2	2	2	2	2	NA
MN4119 lab SEM,MANPOWER ANALYSIS	PD	84	44	0	1	1	1	1	1	1	NA
MN4122 lec PLANNING,CONTROL,EVAL	PD	84	44	1	0	1	1	1	1	1	NA
MN4125 lec CHANGE IN COMPLEX ORGN	PD	84	44	1	4	4	4	4	4	4	NA
MN4127 lec ORGANIZATIONAL THEORY	PD	84	44	0	1	1	1	1	1	1	NA
MN4145 lec POLICY ANALYSIS	PD	84	44	6	6	6	6	6	6	6	NA
MN4151 lec CONTROL AND AUDITING	PD	84	44	3	2	2	2	2	2	2	NA
MN4152 lec CORP FINANCIAL MANAGMT	PD	84	44	1	1	1	1	1	1	1	NA
MN4153 lec FINANCIAL ACCTG	PD	84	44	1	0	1	1	1	1	1	NA
MN4153 lec SEM, FINANCIAL MGMT	PD	84	44	1	2	2	2	2	2	2	NA
MN4159 lec FINAN REPTG & ANALYSIS	PD	84	44	1	1	1	1	1	1	1	NA
MN4161 lec FINANCIAL CONTROL SYST	PD	84	44	3	2	2	2	2	2	2	NA
MN4162 lec COST ACCOUNTING	PD	84	44	2	2	2	2	2	2	2	NA
MN4163 lec TECHNIQUES,FIN CONTROL	PD	84	44	0	1	1	1	1	1	1	NA
MN4301 lec CONTRACTING MAJOR SYS	PD	84	44	2	2	2	2	2	2	2	NA
MN4302 lec PUB EXPEND/POL & ANL Y	PD	84	44	2	1	1	1	1	1	1	NA
MN4305 lec DEF TECHNOLOGY POLICY	PD	84	44	0	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN4307 lec PGM MGT POLICY/CONTROL	PD	84	44	1	1	1	1	1	1	1	NA
MN4310 lec LOGISTICS ENGINEERING	PD	84	44	3	3	3	3	3	3	3	NA
MN4371 lec ACQUIS & CONTR POLICY	PD	84	44	3	2	2	2	2	2	2	NA
MN4372 lec ACQ MGMT SOFTWRE	PD	84	44	1	0	1	1	1	1	1	NA
MN4372 lec ADV READ ADM SCIENCE	PD	84	44	1	0	1	1	1	1	1	NA
MN4372 lec READINGS IN ADMIN SCIE	PD	84	44	1	0	1	1	1	1	1	NA
MN4372 lec SEM,ACQUSN/CONTR MGMT	PD	84	44	0	1	1	1	1	1	1	NA
MN4373 lec TRANSPORT MGMT II	PD	84	44	1	1	1	1	1	1	1	NA
MN4376 lec DEFENSE TRANS SYSTEM	PD	84	44	1	1	1	1	1	1	1	NA
MN4377 lec TQM/TQL:PHILOSPHY	PD	84	44	2	0	2	2	2	2	2	NA
MN4377 lec TQM\L	PD	84	44	0	1	1	1	1	1	1	NA
MN4650 lec MILITARY HEALTH CARE	PD	84	44	0	1	1	1	1	1	1	NA
MN4761 lec APPLIED MANPOWER ANL Y	PD	84	44	2	2	2	2	2	2	2	NA
MN4900 lec BUSINESS REDESIGN	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec CASE ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec CASE STUDY	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec CHANGE THEORY	PD	84	22	0	1	1	1	1	1	1	NA
MN4900 lec COMPUTER SECURITY	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec CON ADMIN MGMT	PD	84	22	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN4900 lec COST ESTIMATION	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec EMPOWRMENT MODEL APPLI	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec FOCUS ON TQL	PD	84	33	0	2	2	2	2	2	2	NA
MN4900 lec GENETIC ALGORITHMS	PD	84	33	0	1	1	1	1	1	1	NA
MN4900 lec GENETIC PROGRAMMING	PD	84	33	0	1	1	1	1	1	1	NA
MN4900 lec I.S. ARCHITECTURES	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec INTEGRATED CASE	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec MARKETING PUBLIC SECTO	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec MICROECONOMICS RESEARC	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec MULTIRATE SIGNAL PROCE	PD	84	33	1	0	1	1	1	1	1	NA
MN4900 lec ORGANIZATION LEARNING	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec ORGANIZATION THEORY	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec PERF MANAGEMENT	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec READ IN ADM SCIENCE	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec READ TOTL QUAL LEADERS	PD	84	22	0	1	1	1	1	1	1	NA
MN4900 lec READINGS IN ADMIN SCI	PD	84	22	0	1	1	1	1	1	1	NA
MN4900 lec READINGS IN ADMIN SCI	PD	84	33	2	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MN4900 lec READINGS IN ADMIN SCI	PD	84	44	9	5	5	5	5	5	5	NA
MN4900 lec READINGS IN TQL	PD	84	22	0	1	1	1	1	1	1	NA
MN4900 lec SEM ON MANPOWER MARKET	PD	84	44	1	0	1	1	1	1	1	NA
MN4900 lec SOFTWARE TRACEABILITY	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec STRATEGIC MOVEMENT	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec TOTAL QUALITY LEADERSH	PD	84	33	0	1	1	1	1	1	1	NA
MN4900 lab TOTAL QUALITY LEADERSH	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec TQM\TQL (MN4377)	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec WIRELESS LAN'S	PD	84	44	0	1	1	1	1	1	1	NA
MN4900 lec WRITING WORKSHOP	PD	84	11	1	0	1	1	1	1	1	NA
MN4970 lec GEN STUDY THESIS SEMIN	PD	84	44	0	1	1	1	1	1	1	NA
MN4970 lec SEM, ADMIN SCIENCES	PD	84	22	0	5	5	5	5	5	5	NA
MN4970 lec SEM, ADMIN SCIENCES	PD	84	44	3	2	2	2	2	2	2	NA
MN4970 lec SOCIOTECHNICAL SYSTEMS	PD	84	44	0	1	1	1	1	1	1	NA
MN4970 lec STRATEGIC MANAGEMENT	PD	84	44	1	0	1	1	1	1	1	NA
MN4970 lec US INDUST POLICY	PD	84	44	0	1	1	1	1	1	1	NA
MR0210 lec REF INTRO METEOROLOGY	PD	84	44	1	2	2	2	2	2	2	NA
MR0210 lab REF INTRO METEOROLOGY	PD	84	22	1	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MR0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
MR0999 lec SEM IN METEOROLOGY	PD	84	22	3	4	4	4	4	4	4	NA
MR2020 lec COMPUTER/AIR-OCEAN SCI	PD	84	11	2	3	3	3	3	3	3	NA
MR2020 lab COMPUTER/AIR-OCEAN SCI	PD	84	22	2	3	3	3	3	3	3	NA
MR2210 lec INTRO TO METEOROL/LAB	PD	84	44	2	2	2	2	2	2	2	NA
MR2210 lab INTRO TO METEOROL/LAB	PD	84	22	2	2	2	2	2	2	2	NA
MR2413 lec METEOROL, ANTISUB WAR	PD	84	33	2	2	2	2	2	2	2	NA
MR2413 lab METEOROL, ANTISUB WAR	PD	84	11	2	2	2	2	2	2	2	NA
MR2416 lec METEOROL, ELEC WARFARE	PD	84	22	1	1	1	1	1	1	1	NA
MR2419 lec ATMOSPHERIC FACTOR C3	PD	84	22	0	2	2	2	2	2	2	NA
MR3140 lec PROB/STATS AIR OCEAN	PD	84	33	1	1	1	1	1	1	1	NA
MR3140 lab PROB/STATS AIR OCEAN	PD	84	22	1	1	1	1	1	1	1	NA
MR3150 lec Anl Y AIR-OCEAN TIME	PD	84	33	1	1	1	1	1	1	1	NA
MR3150 lab ANALY AIR-OCEAN TIME	PD	84	22	1	1	1	1	1	1	1	NA
MR3222 lec METEOR ANALYSIS LAB	PD	84	44	2	2	2	2	2	2	2	NA
MR3222 lab METEOR ANALYSIS LAB	PD	84	33	2	2	2	2	2	2	2	NA
MR3234 lec TROPOS&STRATOS METEOR	PD	84	44	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MR3234 lab TROPOS&STRATOS METEOR	PD	84	44	2	2	2	2	2	2	2	NA
MR3250 lec TROPICAL METEOROLOGY	PD	84	33	1	0	1	1	1	1	1	NA
MR3252 lec TROPICAL METEOROL/LAB	PD	84	33	2	2	2	2	2	2	2	NA
MR3252 lab TROPICAL METEOROL/LAB	PD	84	44	2	2	2	2	2	2	2	NA
MR3260 lec OP ATMOSPH PREDICTION	PD	84	33	2	1	1	1	1	1	1	NA
MR3262 lec OP ATMOSPH PREDIC/LAB	PD	84	33	2	2	2	2	2	2	2	NA
MR3262 lab OP ATMOSPH PREDIC/LAB	PD	84	55	2	2	2	2	2	2	2	NA
MR3321 lec AIR-OCEAN FLUID DYNAM	PD	84	44	1	1	1	1	1	1	1	NA
MR3480 lec ATMOS & RADIATIVE PROC	PD	84	44	2	2	2	2	2	2	2	NA
MR3480 lab ATMOS & RADIATIVE PROC	PD	84	11	2	2	2	2	2	2	2	NA
MR3522 lec SENSG ATMOS/OCEAN LAB	PD	84	44	1	1	1	1	1	1	1	NA
MR3522 lab SENSG ATMOS/OCEAN LAB	PD	84	22	1	1	1	1	1	1	1	NA
MR4241 lec MESOSCALE METEOROLOGY	PD	84	33	1	1	1	1	1	1	1	NA
MR4242 lec ADV TROPICAL METEOROL	PD	84	33	1	0	1	1	1	1	1	NA
MR4322 lec DYNAMIC METEOROLOGY	PD	84	44	2	2	2	2	2	2	2	NA
MR4323 lec NUM AIR/OCEAN MODELING	PD	84	44	1	1	1	1	1	1	1	NA
MR4323 lab NUM AIR/OCEAN MODELING	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MR4413 lec AIR/SEA INTERACTION	PD	84	44	1	1	1	1	1	1	1	NA
MR4413 lab AIR/SEA INTERACTION	PD	84	11	1	1	1	1	1	1	1	NA
MR4414 lec ADV AIR/SEA INTERACTN	PD	84	33	1	0	1	1	1	1	1	NA
MR4416 lec ELEC&OPTICAL PROPAGATN	PD	84	44	2	1	1	1	1	1	1	NA
MR4520 lec TOP, SATELLITE SENSING	PD	84	33	1	1	1	1	1	1	1	NA
MR4800 lec ADV TOPICS IN METEOR	PD	84	33	1	1	1	1	1	1	1	NA
MR4900 lec ATMOSPHERIC MODELING	PD	84	33	1	0	1	1	1	1	1	NA
MR4900 lec MARINE BOUNDARY LAYER	PD	84	33	1	0	1	1	1	1	1	NA
MR4900 lec MIXED-LAYER MODELING	PD	84	33	1	0	1	1	1	1	1	NA
MR4900 lec MTRY BAY WINDS CURRENT	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec OCEAN RESPON TO ATMOSP	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec POLAR LOWS	PD	84	33	1	0	1	1	1	1	1	NA
MR4900 lec RAPID CYCLOGENISES	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec READINGS IN VISUALIZAT	PD	84	22	0	1	1	1	1	1	1	NA
MR4900 lec REFRAGATIVE ASSESSMENT	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec SATELLITE IMAGERY	PD	84	33	1	0	1	1	1	1	1	NA
MR4900 lec SPEC TOPIC METEOROLOGY	PD	84	22	2	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MR4900 lec SPEC TOPIC METEOROLOGY	PD	84	33	11	6	6	6	6	6	6	NA
MR4900 lec SURFACE REMOTE SENSING	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec THESIS READING	PD	84	33	0	1	1	1	1	1	1	NA
MR4900 lec TROP WAVES DISTURBANCE	PD	84	33	0	1	1	1	1	1	1	NA
MS2201 lec ENGRG MATERIALS	PD	84	33	0	6	6	6	6	6	6	NA
MS2201 lab ENGRG MATERIALS	PD	84	22	0	6	6	6	6	6	6	NA
MS3201 lec MATERIALS SCI & ENGRG	PD	84	33	5	0	5	5	5	5	5	NA
MS3201 lab MATERIALS SCI & ENGRG	PD	84	22	5	0	5	5	5	5	5	NA
MS3202 lec FAILURE ANALY&PREVENT	PD	84	33	4	5	5	5	5	5	5	NA
MS3202 lab FAILURE ANALY&PREVENT	PD	84	22	4	5	5	5	5	5	5	NA
MS3214 lec INT MATERIAL SCI & ENG	PD	84	44	0	2	2	2	2	2	2	NA
MS3304 lec CORROSION,MARINE ENVRN	PD	84	33	1	1	1	1	1	1	1	NA
MS3304 lab CORROSION,MARINE ENVRN	PD	84	22	1	1	1	1	1	1	1	NA
MS3606 lec JOINING METALLURGY	PD	84	33	1	1	1	1	1	1	1	NA
MS3606 lab JOINING METALLURGY	PD	84	22	1	1	1	1	1	1	1	NA
MS4215 lec PHASE TRANSFORMATIONS	PD	84	33	1	1	1	1	1	1	1	NA
MS4215 lab PHASE TRANSFORMATIONS	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
MS4312 lec ADV MTD MATRL CHRACTER	PD	84	33	2	1	1	1	1	1	1	NA
MS4312 lab ADV MTD MATRL CHRACTER	PD	84	22	2	1	1	1	1	1	1	NA
MS4811 lec MECH BEHAVIOR,ENG MATL	PD	84	44	1	2	2	2	2	2	2	NA
MS4822 lec COMPOSITE MATERIALS	PD	84	44	1	1	1	1	1	1	1	NA
NS0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
NS2060 lec GAMING/SIMULATION LAB	PD	84	22	1	0	1	1	1	1	1	NA
NS2060 lab GAMING/SIMULATION LAB	PD	84	22	1	0	1	1	1	1	1	NA
NS3000 lec MILT HIST:WAR MOD WRLD	PD	84	44	1	2	2	2	2	2	2	NA
NS3011 lec POL ANLY&RES METH AREA	PD	84	44	4	4	4	4	4	4	4	NA
NS3011 lab POL ANLY&RES METH AREA	PD	84	22	2	4	4	4	4	4	4	NA
NS3012* lec FRCSTNG&RES METH ST PL	PD	84	44	1	0	1	1	1	1	1	NA
NS3012* lab FRCSTNG&RES METH ST PL	PD	84	22	1	0	1	1	1	1	1	NA
NS3012* lec GAMING&SIMU STRAT PLAN	PD	84	44	1	1	1	1	1	1	1	NA
NS3012* lab GAMING&SIMU STRAT PLAN	PD	84	22	1	1	1	1	1	1	1	NA
NS3013 lec FORCSTNG FOR STRAT PLN	PD	84	22	1	0	1	1	1	1	1	NA
NS3013 lab FORCSTNG FOR STRAT PLN	PD	84	22	1	0	1	1	1	1	1	NA
NS3023* lec INT'L REL & COMP POLIT	PD	84	44	3	0	3	3	3	3	3	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS3023* lec INTRO COMPARTIVE POLIT	PD	84	44	0	4	4	4	4	4	4	NA
NS3024 lec INTRO INT'L RELATIONS	PD	84	44	0	3	3	3	3	3	3	NA
NS3030 lec AMER NATL SEC POLICY	PD	84	44	4	4	4	4	4	4	4	NA
NS3035 lec U.S. FOREIGN POLICY	PD	84	44	2	0	2	2	2	2	2	NA
NS3036 lec MIL & POL IN THE WORLD	PD	84	44	2	1	1	1	1	1	1	NA
NS3037 lec CONGRESS IN NATL POLCY	PD	84	44	1	2	2	2	2	2	2	NA
NS3038 lec INTL POWER & POLICY	PD	84	44	2	2	2	2	2	2	2	NA
NS3040 lec POLITICS, ECON RELATNS	PD	84	44	1	3	3	3	3	3	3	NA
NS3041 lec COMPARATIVE ECON SYSTM	PD	84	44	2	2	2	2	2	2	2	NA
NS3079 lec COLLECTIVE SECURITY	PD	84	44	0	1	1	1	1	1	1	NA
NS3079 lec CONGRESS	PD	84	44	0	1	1	1	1	1	1	NA
NS3079 lec DIRECTED STUDIES NSA	PD	84	44	0	2	2	2	2	2	2	NA
NS3079 lec ECON US DEFENSE POLICY	PD	84	44	0	1	1	1	1	1	1	NA
NS3079 lec EUROPEAN SEC INSTITUTI	PD	84	44	0	1	1	1	1	1	1	NA
NS3079 lec MIL THOUGHT PAST/PRESE	PD	84	44	1	0	1	1	1	1	1	NA
NS3079 lec MODERN UKRAINE	PD	84	44	0	1	1	1	1	1	1	NA
NS3079 lec NAVAL ORIENTATION	PD	84	44	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS3079 lec POLI SOCI OF FRENCH NA	PD	84	44	0	1	1	1	1	1	1	NA
NS3150 lec SCI & TECH OF INTEL	PD	84	44	1	0	1	1	1	1	1	NA
NS3151 lec INTELLIGENCE SYSTEMS	PD	84	44	1	1	1	1	1	1	1	NA
NS3152 lec NAV WAR/THREAT ENVIRON	PD	84	44	1	0	1	1	1	1	1	NA
NS3154 lec INTEL & THE MILITARY	PD	84	44	1	0	1	1	1	1	1	NA
NS3159 lec PRNCPL OPRTNL INTLGNCE	PD	84	44	1	2	2	2	2	2	2	NA
NS3230 lec STRATEGIC PLANNING	PD	84	44	2	1	1	1	1	1	1	NA
NS3250 lec ECON OF U.S. DEFENSE	PD	84	44	1	1	1	1	1	1	1	NA
NS3252 lec JOINT&MARITIME STRG PL	PD	84	44	30	31	31	31	31	31	31	NA
NS3279 lec DIRECTED STUDIES NSA	PD	84	44	1	0	1	1	1	1	1	NA
NS3279 lec INDIAN POLITICS	PD	84	44	1	0	1	1	1	1	1	NA
NS3279 lec POL DEV OF INDIA	PD	84	44	1	0	1	1	1	1	1	NA
NS3279 lec THE PRESS AND MILITARY	PD	84	44	1	0	1	1	1	1	1	NA
NS3279 lec US PROP EFF ON HOMEFRO	PD	84	44	1	0	1	1	1	1	1	NA
NS3279 lec US STRAT NEW WORLD ORD	PD	84	44	0	1	1	1	1	1	1	NA
NS3279 lec WAR THEORY NUCLEAR WAR	PD	84	44	1	0	1	1	1	1	1	NA
NS3280* lec NUC STRAT/NAT SECURITY	PD	84	44	0	1	1	1	1	1	1	NA
NS3280* lec NUC WEAPS/FOREIGN POL	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS3300* lec FOUND-MID EAST POLITIC	PD	84	44	1	0	1	1	1	1	1	NA
NS3300* lec HIST & CULT MID EAST	PD	84	44	0	2	2	2	2	2	2	NA
NS3310 lec PROBS GOVT,MIDDLE EAST	PD	84	44	1	2	2	2	2	2	2	NA
NS3320 lec INTL REL, MIDDLE EAST	PD	84	44	1	1	1	1	1	1	1	NA
NS3360 lec NO AFRICA, PROBS GOVT	PD	84	44	1	1	1	1	1	1	1	NA
NS3361 lec PROBS GOV/SEC ISRAEL	PD	84	44	1	1	1	1	1	1	1	NA
NS3362 lec INTL&SEC PROB,ARAB PEN	PD	84	44	1	0	1	1	1	1	1	NA
NS3400 lec RUSSIA, E EUROPE, ASIA	PD	84	44	0	2	2	2	2	2	2	NA
NS3400 lec SOV NATL SEC POLICY	PD	84	44	2	0	2	2	2	2	2	NA
NS3401 lec PEOPLE USSR&EASTEUROPE	PD	84	44	1	0	1	1	1	1	1	NA
NS3410* lec SOVIET NATL SECURITY	PD	84	44	2	0	2	2	2	2	2	NA
NS3410* lec WLD AFFAIRS:RUSS,EUROP	PD	84	44	0	2	2	2	2	2	2	NA
NS3450* lec MIL STRAT RUS EUR ASIA	PD	84	44	0	1	1	1	1	1	1	NA
NS3450* lec SOVIET MIL STRATEGY	PD	84	44	2	2	2	2	2	2	2	NA
NS3460 lec GOV&SECRTY:EAST EUROPE	PD	84	44	2	1	1	1	1	1	1	NA
NS3501 lec HIST/CULT LATIN AMER	PD	84	44	1	1	1	1	1	1	1	NA
NS3510 lec GOVT/SEC LATIN AMER	PD	84	44	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS3520 lec INT REL/SEC LATIN AMER	PD	84	44	1	1	1	1	1	1	1	NA
NS3600 lec GEOG,HIST,CULTURE-ASIA	PD	84	44	2	1	1	1	1	1	1	NA
NS3601 lec GEOG/HIST/CULT/SE.ASIA	PD	84	44	2	1	1	1	1	1	1	NA
NS3620 lec INT CONFL ASIA TO WWII	PD	84	44	2	1	1	1	1	1	1	NA
NS3661 lec PROBS, GOVT/SEC, CHINA	PD	84	44	2	1	1	1	1	1	1	NA
NS3662 lec PROBS CONTEMP JAPAN	PD	84	44	1	1	1	1	1	1	1	NA
NS3663 lec PROBS GOVT/SEC, KOREA	PD	84	44	1	1	1	1	1	1	1	NA
NS3667 lec PROB GOVT IN ASIAPD84441111111NA											
NS3700 lec HISTORY, EUROPE&RUSSIA	PD	84	44	1	1	1	1	1	1	1	NA
NS3701 lec EUROPE-USSR POST-1917	PD	84	44	1	0	1	1	1	1	1	NA
NS3710 lec PROBS GOVT&SEC EUROPE	PD	84	44	1	1	1	1	1	1	1	NA
NS3720 lec NO ATLANTIC ALLIANCE	PD	84	44	1	1	1	1	1	1	1	NA
NS3765 lec PROB GOV/SEC NATO FLNK	PD	84	44	1	0	1	1	1	1	1	NA
NS3800 lec THEORYPRACTICE SOC REV	PD	84	44	0	1	1	1	1	1	1	NA
NS3801 lec INT'L TERRIORISM	PD	84	44	0	1	1	1	1	1	1	NA
NS3880 lec HIST SPECIAL OPERATION	PD	84	44	0	2	2	2	2	2	2	NA
NS3881 lec MID-LEVEL CONFLICT	PD	84	44	0	1	1	1	1	1	1	NA
NS3900 lec INTL ORGS,NEGOTIATIONS	PD	84	44	1	3	3	3	3	3	3	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS3902 lec POLITICAL TERRORISM	PD	84	44	1	2	2	2	2	2	2	NA
NS3950 lec SEM ARMS CON & NAT SEC	PD	84	44	2	0	2	2	2	2	2	NA
NS4030 lec COMP STRATEGIC CULTURE	PD	84	44	0	1	1	1	1	1	1	NA
NS4030 lec SPEC TOP NAT SEC POLIC	PD	84	44	5	3	3	3	3	3	3	NA
NS4031 lec CURRENT ISSUES IN NSA	PD	84	44	2	2	2	2	2	2	2	NA
NS4079 lec ADV DIR STUDIES: NSA	PD	84	44	1	12	12	12	12	12	12	NA
NS4079 lec ADV TOPICS RUSSIAN SEC	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec AIRPWR LOW INTENSE CON	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec ARAB-ISRAELI CONFLICT	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec COAL MULTILATERAL OPER	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec COMMON MARKET ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec DOM PARADIGM CHANGE	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec GERMAN SECURITY	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec GOV/POL IN LATIN AMERI	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec IMPACT NAVY WHT PAPER	PD	84	22	0	1	1	1	1	1	1	NA
NS4079 lec INTER TERRORISM	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec LEAD & POLIT IN SINGAP	PD	84	44	0	1	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS4079 lec MODERN UKRAINE	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec NAT SEC ENVIRNMTL LINK	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec OVERSEAS CHINESE ASIA	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec POL THEORY 21ST CENTUR	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec POL/SOCIETY RACISM	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec PROB GOV, SEC IN CHINA	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec PROB LATIN AMERICA	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec PROB OF SEC GOV IN ISR	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec SECURITY PROB LATIN AM	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec SEM LATIN AMERICA GOVT	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec SOUTH ASIA	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec SOUTH ASIA FOREIGN POL	PD	84	44	1	0	1	1	1	1	1	NA
NS4079 lec STRAT PLAN HIER PROCES	PD	84	33	0	1	1	1	1	1	1	NA
NS4079 lec THE PROB OF CYPRUS	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec US RELATIONS W MOD SEA	PD	84	44	0	1	1	1	1	1	1	NA
NS4079 lec WORLDWDE TRENDS PIRACY	PD	84	44	0	1	1	1	1	1	1	NA
NS4080 lec RESEARCH COLLOQUIUM	PD	84	22	0	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS4152 lec PROB INTL/THREAT ANALY	PD	84	44	1	0	1	1	1	1	1	NA
NS4159 lec SEMINR:TOPS OPS INTEL	PD	84	44	1	1	1	1	1	1	1	NA
NS4179 lec EVOL OF SOVIET NAVY WI	PD	84	44	1	0	1	1	1	1	1	NA
NS4200 lec SEM NATIONAL INTEREST	PD	84	44	0	2	2	2	2	2	2	NA
NS4230 lec SEM STRATEGIC PLANNING	PD	84	44	1	2	2	2	2	2	2	NA
NS4250 lec SEC ASST, ARMS TRANSF	PD	84	44	2	2	2	2	2	2	2	NA
NS4251 lec SEMINAR NET ASSESSMENT	PD	84	44	0	1	1	1	1	1	1	NA
NS4253 lec TECH & STRATEGICPLNG	PD	84	44	1	0	1	1	1	1	1	NA
NS4261 lec SURVEY, STRAT STUDIES	PD	84	44	1	0	1	1	1	1	1	NA
NS4279 lec AMERICAN VALUES	PD	84	44	1	0	1	1	1	1	1	NA
NS4279 lec COUNTER-NARCOTICS POLI	PD	84	44	1	0	1	1	1	1	1	NA
NS4279 lec IDEOLOGY AND STRATEGY	PD	84	44	1	0	1	1	1	1	1	NA
NS4279 lec SINOAFRICAN RELATIONS	PD	84	44	1	0	1	1	1	1	1	NA
NS4280 lec NUCLEAR STRATEGY&DETER	PD	84	44	1	2	2	2	2	2	2	NA
NS4300 lec SEM IN MIDLEASTERN CIV	PD	84	44	2	1	1	1	1	1	1	NA
NS4310 lec SEC PROB MID EAST	PD	84	44	2	1	1	1	1	1	1	NA
NS4410* lec SEM: SECUR RUS EUR ASI	PD	84	44	0	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
NS4410* lec SEM: SOVIET SECUR PROB	PD	84	44	2	0	2	2	2	2	2	NA
NS4451 lec ADV TOPICS/SOV NAV AFF	PD	84	44	1	1	1	1	1	1	1	NA
NS4500 lec SEM NATIONAL INTEREST	PD	84	44	1	0	1	1	1	1	1	NA
NS4510 lec SEM GVNT POL,LATIN AM	PD	84	44	1	1	1	1	1	1	1	NA
NS4560 lec INT SEC PROB LAT AMER	PD	84	44	1	1	1	1	1	1	1	NA
NS4660 lec ASIA & SOVIET UNION	PD	84	44	2	2	2	2	2	2	2	NA
NS4690 lec PROBS ASIA & OCEANS	PD	84	44	2	2	2	2	2	2	2	NA
NS4710 lec POL/SEC PROB EUROPE	PD	84	44	1	1	1	1	1	1	1	NA
NS4720* lec SEM, SOVIET-EUROPE REL	PD	84	44	3	0	3	3	3	3	3	NA
NS4720* lec SEM: EURO SECURITY ISS	PD	84	44	0	1	1	1	1	1	1	NA
NS4830 lec LIC SEMINAR, MID EAST	PD	84	44	0	1	1	1	1	1	1	NA
NS4850 lec ADV SEM:LATIN AMERICA	PD	84	44	0	1	1	1	1	1	1	NA
NS4860 lec SEMINARLOW INTEN: ASIA	PD	84	44	0	1	1	1	1	1	1	NA
NS4900 lec SEM INTL NEGOTIATIONS	PD	84	44	1	3	3	3	3	3	3	NA
NS4902 lec SEM REVOLUTION/TERROR	PD	84	44	1	0	1	1	1	1	1	NA
OA0001 lab SEM OPS ANLS STUDENTS	PD	84	22	4	4	4	4	4	4	4	NA
OA0200 lec INTRO COMP METH/OR	PD	84	22	3	6	6	6	6	6	6	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OA0200 lab INTRO COMP METH/OR	PD	84	22	3	6	6	6	6	6	6	NA
OA0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
OA2200 lec COMPUTN METH,OPS RESI	PD	84	33	4	4	4	4	4	4	4	NA
OA2200 lab COMPUTN METH,OPS RESI	PD	84	22	4	4	4	4	4	4	4	NA
OA2900 lec WORKSHOP IN OR/SA	PD	84	22	3	1	1	1	1	1	1	NA
OA2900 lec WORKSHOP IN OR/SA	PD	84	33	1	2	2	2	2	2	2	NA
OA2910 lec SEL TOPICS IN OA	PD	84	11	1	0	1	1	1	1	1	NA
OA3101 lec PROBABILITY	PD	84	44	5	5	5	5	5	5	5	NA
OA3101 lab PROBABILITY	PD	84	11	5	5	5	5	5	5	5	NA
OA3102 lec PROBABILITY/STATISTICS	PD	84	44	3	4	4	4	4	4	4	NA
OA3102 lab PROBABILITY/STATISTICS	PD	84	11	3	4	4	4	4	4	4	NA
OA3103 lec STATISTICS	PD	84	44	3	4	4	4	4	4	4	NA
OA3103 lab STATISTICS	PD	84	11	3	4	4	4	4	4	4	NA
OA3104 lec DATA ANALYSIS	PD	84	33	4	2	2	2	2	2	2	NA
OA3104 lab DATA ANALYSIS	PD	84	11	4	2	2	2	2	2	2	NA
OA3105 lec NONPARAMETIC STATS	PD	84	44	1	2	2	2	2	2	2	NA
OA3200 lec COMP METHODS FOR OR II	PD	84	33	3	0	3	3	3	3	3	NA
OA3200 lab COMP METHODS FOR OR II	PD	84	22	3	0	3	3	3	3	3	NA
OA3200 lec COMP METHODS FOR OR II	PD	84	44	0	3	3	3	3	3	3	NA
OA3201 lec LINEAR PROGRAMMING	PD	84	44	3	2	2	2	2	2	2	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OA3201 lab LINEAR PROGRAMMING	PD	84	11	3	2	2	2	2	2	2	NA
OA3301 lec STOCHASTIC MODELS I	PD	84	44	3	3	3	3	3	3	3	NA
OA3302 lec SYSTEM SIMULATION	PD	84	44	3	4	4	4	4	4	4	NA
OA3401 lec HUMAN FACT, SYS DES I	PD	84	44	3	3	3	3	3	3	3	NA
OA3402 lec HUMAN FACTORS:SYST DES	PD	84	33	1	0	1	1	1	1	1	NA
OA3501 lec INVENTORY I	PD	84	44	1	2	2	2	2	2	2	NA
OA3601 lec COMBAT MODELS & GAMES	PD	84	44	2	2	2	2	2	2	2	NA
OA3602 lec SEARCH THEORY, DETECT	PD	84	44	2	2	2	2	2	2	2	NA
OA3610 lec INTRO NAVAL LOGISTICS	PD	84	44	1	1	1	1	1	1	1	NA
OA3900 lec INTRO SYS ANALYSIS	PD	84	22	1	0	1	1	1	1	1	NA
OA3900 lec WORKSHOP IN OR/SA	PD	84	22	1	0	1	1	1	1	1	NA
OA3900 lec WORKSHOP IN OR/SA	PD	84	33	1	2	2	2	2	2	2	NA
OA3910 lec DECOD METH CONF MATR	PD	84	33	1	0	1	1	1	1	1	NA
OA4101 lec DESIGN OF EXPERIMENTS	PD	84	33	2	2	2	2	2	2	2	NA
OA4101 lab DESIGN OF EXPERIMENTS	PD	84	11	2	2	2	2	2	2	2	NA
OA4102 lec REGRESSION MODELS	PD	84	44	2	3	3	3	3	3	3	NA
OA4201 lec NONLINEAR & DYN PROGMG	PD	84	44	3	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OA4202 lec NETWORK FLOWS, GRAPHS	PD	84	44	4	2	2	2	2	2	2	NA
OA4203 lec MATH PROGRAMMING	PD	84	44	3	2	2	2	2	2	2	NA
OA4204 lec GAMES OF STRATEGY	PD	84	44	0	1	1	1	1	1	1	NA
OA4301 lec STOCHASTIC MODELS II	PD	84	33	3	3	3	3	3	3	3	NA
OA4301 lab STOCHASTIC MODELS II	PD	84	22	3	3	3	3	3	3	3	NA
OA4302 lec RELIABLTY WEAPON SYST	PD	84	44	2	2	2	2	2	2	2	NA
OA4303 lec QUALITY ASSURANCE	PD	84	44	2	2	2	2	2	2	2	NA
OA4304 lec DECISION THEORY	PD	84	33	2	1	1	1	1	1	1	NA
OA4305 lec STOCHASTIC MODELS III	PD	84	44	1	0	1	1	1	1	1	NA
OA4308 lec TIME SERIES ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA
OA4333 lec SIMULATION METHODOLOGY	PD	84	44	1	2	2	2	2	2	2	NA
OA4401 lec HUMAN PERFORM EVAL	PD	84	44	0	1	1	1	1	1	1	NA
OA4501 lec SEMINAR, SUPPLY SYST	PD	84	44	1	2	2	2	2	2	2	NA
OA4601 lec MODLS FOR DECIS MAKING	PD	84	33	0	1	1	1	1	1	1	NA
OA4601 lab MODLS FOR DECIS MAKING	PD	84	22	0	1	1	1	1	1	1	NA
OA4602 lec CAMPAIGN ANALYSIS	PD	84	44	2	2	2	2	2	2	2	NA
OA4603 lec TEST AND EVALUATION	PD	84	33	4	3	3	3	3	3	3	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OA4603 lab TEST AND EVALUATION	PD	84	22	4	3	3	3	3	3	3	NA
OA4604 lec WAR GAMING ANALYSIS	PD	84	44	2	5	5	5	5	5	5	NA
OA4605 lec OPNS RES, NAV WARFARE	PD	84	33	2	2	2	2	2	2	2	NA
OA4607 lec TACTICAL DES & ANALYS	PD	84	33	2	2	2	2	2	2	2	NA
OA4607 lab TACTICAL DES & ANALYS	PD	84	22	2	2	2	2	2	2	2	NA
OA4611 lec LOGISTIC NAVAL WARFARE	PD	84	44	1	1	1	1	1	1	1	NA
OA4612 lec LOGISTICS	PD	84	44	1	1	1	1	1	1	1	NA
OA4654 lec AIRLAND COMBAT MDLS I	PD	84	44	1	1	1	1	1	1	1	NA
OA4655 lec AIRLAND COMBAT MDLS II	PD	84	44	1	1	1	1	1	1	1	NA
OA4701 lec ECONOMETRICS	PD	84	44	0	1	1	1	1	1	1	NA
OA4702 lec COST ESTIMATION	PD	84	44	2	3	3	3	3	3	3	NA
OA4704 lec MANPOWER & PERSONNEL	PD	84	44	0	1	1	1	1	1	1	NA
OA4704 lec MANPOWER PLANNING	PD	84	44	0	1	1	1	1	1	1	NA
OA4704 lec TECH IN MANPOWER MODEL	PD	84	44	1	2	2	2	2	2	2	NA
OA4910 lec FUT THEATER LEV MODELS	PD	84	44	0	1	1	1	1	1	1	NA
OA4910 lec HUMAN PERFORMANCE EVAL	PD	84	44	1	0	1	1	1	1	1	NA
OA4910 lec MIN COS ANALYSIS CONFU	PD	84	33	1	0	1	1	1	1	1	NA
OA4910 lec NUMERICAL INTEGRATION	PD	84	33	0	1	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OA4910 lec SEL TOPIC IN OPS ANALY	PD	84	33	2	1	1	1	1	1	1	NA
OA4910 lec SKILLED OPERATOR PERFO	PD	84	33	1	0	1	1	1	1	1	NA
OA4910 lab SKILLED OPERATOR PERFO	PD	84	22	1	0	1	1	1	1	1	NA
OA4910 lec TEST AND EVALUATION	PD	84	33	0	1	1	1	1	1	1	NA
OA4910 lab TEST AND EVALUATION	PD	84	22	0	1	1	1	1	1	1	NA
OA4910 lec THEORY OF SYS ANALYS	PD	84	44	1	0	1	1	1	1	1	NA
OA4910 lec WARGAMING ANALYSIS	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec ADV TOPICS SIMULATION	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec CATEGORICAL DATA ANLSY	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec DESIGN USER INTERFACES	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec FUZZY SET THEORY	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec IMPLEMENT OPTIMIZATION	PD	84	33	0	1	1	1	1	1	1	NA
OA4930 lec READING OPER ANALYSIS	PD	84	33	1	0	1	1	1	1	1	NA
OA4930 lab READING OPER ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA
OC0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
OC0999 lec SEMINAR OCEANOGRAPHY	PD	84	22	4	4	4	4	4	4	4	NA
OC2001 lec OCEAN SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OC2020 lec COMPTR COMP AIR/OC SC	PD	84	11	2	2	2	2	2	2	2	NA
OC2020 lab COMPTR COMP AIR/OC SC	PD	84	22	2	2	2	2	2	2	2	NA
OC3120 lec BIOGEOCHEM PROC, OCEAN	PD	84	44	2	2	2	2	2	2	2	NA
OC3120 lab BIOGEOCHEM PROC, OCEAN	PD	84	33	2	2	2	2	2	2	2	NA
OC3140 lec PROB/STATS AIR OCEAN	PD	84	33	1	1	1	1	1	1	1	NA
OC3140 lab PROB/STATS AIR OCEAN	PD	84	22	1	1	1	1	1	1	1	NA
OC3150 lec ANALYSI AIR-OCEAN TIME	PD	84	33	1	1	1	1	1	1	1	NA
OC3150 lab ANALYSI AIR-OCEAN TIME	PD	84	22	1	1	1	1	1	1	1	NA
OC3212 lec POLAR METEOR/OCEANO	PD	84	44	1	1	1	1	1	1	1	NA
OC3230 lec DESC PHYSICAL OCEANOGR	PD	84	33	6	4	4	4	4	4	4	NA
OC3230 lab DESC PHYSICAL OCEANOGR	PD	84	11	6	4	4	4	4	4	4	NA
OC3240 lec OCEAN CIRCULATION	PD	84	44	2	2	2	2	2	2	2	NA
OC3240 lab OCEAN CIRCULATION	PD	84	22	2	2	2	2	2	2	2	NA
OC3260 lec SOUND IN THE OCEAN	PD	84	44	2	2	2	2	2	2	2	NA
OC3261 lec OCEANIC FACTORS SOUND	PD	84	44	1	1	1	1	1	1	1	NA
OC3261 lab OCEANIC FACTORS SOUND	PD	84	22	1	1	1	1	1	1	1	NA
OC3266 lec ACOUSTIC FORECASTING	PD	84	22	3	0	3	3	3	3	3	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OC3266 lab ACOUSTIC FORECASTING	PD	84	22	3	2	2	2	2	2	2	NA
OC3266 lec ACOUSTIC FORECASTING	PD	84	33	0	2	2	2	2	2	2	NA
OC3321 lec AIR-OCEAN FLUID DYNAMC	PD	84	44	1	1	1	1	1	1	1	NA
OC3522 lec SENSG ATMOS&OCEAN/LAB	PD	84	44	1	1	1	1	1	1	1	NA
OC3522 lab SENSG ATMOS&OCEAN/LAB	PD	84	22	1	1	1	1	1	1	1	NA
OC3570 lec OP OCEANO & MET	PD	84	22	1	0	1	1	1	1	1	NA
OC3570 lab OP OCEANO & MET	PD	84	44	1	0	1	1	1	1	1	NA
OC3570 lec OPER OCEANOGRAPHY	PD	84	22	0	2	2	2	2	2	2	NA
OC3570 lab OPER OCEANOGRAPHY	PD	84	44	0	2	2	2	2	2	2	NA
OC3903 lec EL SURVEYING & NAVIGAT	PD	84	33	1	0	1	1	1	1	1	NA
OC4211 lec DYNAMICAL OCEANOGRAPHY	PD	84	44	2	2	2	2	2	2	2	NA
OC4213 lec NEARSHORE/WAVE PROCESS	PD	84	33	1	1	1	1	1	1	1	NA
OC4213 lab NEARSHORE/WAVE PROCESS	PD	84	11	1	1	1	1	1	1	1	NA
OC4220 lec COSTAL OCEANOGRAPHY	PD	84	44	0	1	1	1	1	1	1	NA
OC4220 lab COSTAL OCEANOGRAPHY	PD	84	11	0	1	1	1	1	1	1	NA
OC4230 lec PHY OCEAN MONTEREY BAY	PD	84	33	0	1	1	1	1	1	1	NA
OC4262 lec THEORIES & MODELS	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruc-tion	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OC4267 lec INFLUENCES, ACOUSTICS	PD	84	44	2	2	2	2	2	2	2	NA
OC4267 lab INFLUENCES, ACOUSTICS	PD	84	22	2	0	2	2	2	2	2	NA
OC4323 lec NUM AIR&OCEAN MODELING	PD	84	44	1	1	1	1	1	1	1	NA
OC4323 lab NUM AIR&OCEAN MODELING	PD	84	22	1	1	1	1	1	1	1	NA
OC4331 lec SYNOP/MESOSCALE OCEANO	PD	84	44	2	2	2	2	2	2	2	NA
OC4413 lec AIR-SEA INTERACTION	PD	84	44	1	1	1	1	1	1	1	NA
OC4413 lab AIR-SEA INTERACTION	PD	84	11	1	1	1	1	1	1	1	NA
OC4414 lec ADV AIR-SEA INTERACTNS	PD	84	33	1	1	1	1	1	1	1	NA
OC4490 lec OCEAN ACOU TOMOGRAPHY	PD	84	33	1	1	1	1	1	1	1	NA
OC4520 lec TOP, SATELLITE SENSING	PD	84	33	1	0	1	1	1	1	1	NA
OC4800 lab ADV TOPICS IN OCEANOG	PD	84	44	1	0	1	1	1	1	1	NA
OC4800 lab HORIZ PRESS GRADIENTS	PD	84	44	0	1	1	1	1	1	1	NA
OC4800 lec OCEAN PRO IN GULF CALI	PD	84	11	1	0	1	1	1	1	1	NA
OC4800 lab OCEAN PRO IN GULF CALI	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec ACOUSTIC PROP & TOMOGR	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec ADV NEAR SHORE PROCESS	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec AIR/OCEAN CONVECTION	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OC4900 lec ANTARCTIC OCEAN DYNAMI	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec AVHRR DATA CIRCULATION	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec CAL CURRENT SYSTEM	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec DEEP CONVECTION	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec DISPERSN & DIFFUSION	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec EASTERN BOUND CURRENTS	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec ENERGETICS SEDI TRANSP	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec GLOBAL OCEAN DYNAMICS	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec GRAVITY AND GEOID	PD	84	22	0	1	1	1	1	1	1	NA
OC4900 lec OCEAN CONVECTION	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec OCEAN PREDICTION	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec PHYSICAL OCEAN TOPICS	PD	84	11	1	0	1	1	1	1	1	NA
OC4900 lec POLAR OCEANOGRAPHY	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lab RAY/MODE TOMOGRAPHY	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec REMOTE SENSING	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec RIP CURRENTS	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec SATELLITE NAVIGATION	PD	84	22	1	0	1	1	1	1	1	NA
OC4900 lec SEDIMENT DYNAMICS	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OC4900 lec SEDIMENT DYNAMICS II	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec SHALLOW WATER ASW	PD	84	11	1	0	1	1	1	1	1	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	PD	84	11	1	1	1	1	1	1	1	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	PD	84	33	2	8	8	8	8	8	8	NA
OC4900 lec THERMAL EX/DEEP WATER	PD	84	33	1	0	1	1	1	1	1	NA
OC4900 lec THESIS READING	PD	84	33	0	2	2	2	2	2	2	NA
OC4900 lec TIDAL ANLSY OF ADCP DA	PD	84	22	0	1	1	1	1	1	1	NA
OC4900 lec TROPICAL OCEANOGRAPHY	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec USE OF SUBS IN OCEANOG	PD	84	33	0	1	1	1	1	1	1	NA
OC4900 lec VARIAB OF UPPER OCEAN	PD	84	33	0	1	1	1	1	1	1	NA
OS2102 lec APP PROBABILITY FOR EE	PD	84	44	3	0	3	3	3	3	3	NA
OS2102 lab APP PROBABILITY FOR EE	PD	84	11	3	0	3	3	3	3	3	NA
OS2103 lec APPL PROBAB SYST TECH	PD	84	44	4	4	4	4	4	4	4	NA
OS2103 lab APPL PROBAB SYST TECH	PD	84	11	4	4	4	4	4	4	4	NA
OS3001 lec OPNS RES FOR COMP SCI	PD	84	44	2	3	3	3	3	3	3	NA
OS3002 lec O.R. FOR NAVAL INTEL	PD	84	44	1	1	1	1	1	1	1	NA
OS3003 lec O.R. FOR ELECT WARFARE	PD	84	44	1	1	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OS3004 lec OR FOR COMP SYST MGRS	PD	84	55	6	3	3	3	3	3	3	NA
OS3006 lec OPNS RESEARCH FOR MGMT	PD	84	44	8	7	7	7	7	7	7	NA
OS3008 lec ANALYTICAL PLANNING	PD	84	44	2	3	3	3	3	3	3	NA
OS3101 lec STAT ANALYSIS FOR MGMT	PD	84	44	10	9	9	9	9	9	9	NA
OS3101 lab STAT ANALYSIS FOR MGMT	PD	84	11	10	9	9	9	9	9	9	NA
OS3104 lec STATISTICS, SCI & ENG	PD	84	44	4	4	4	4	4	4	4	NA
OS3302 lec QUALITY ASSUR/RELIABLT	PD	84	44	1	1	1	1	1	1	1	NA
OS3303 lec COMPUTER SIMULATION	PD	84	44	2	2	2	2	2	2	2	NA
OS3303 lab COMPUTER SIMULATION	PD	84	11	2	2	2	2	2	2	2	NA
OS3402 lec HUMAN VIGILANCE PERF	PD	84	33	2	2	2	2	2	2	2	NA
OS3402 lab HUMAN VIGILANCE PERF	PD	84	11	2	2	2	2	2	2	2	NA
OS3404 lec MAN-MACHINE INTERACTN	PD	84	33	5	4	4	4	4	4	4	NA
OS3404 lab MAN-MACHINE INTERACTN	PD	84	22	5	4	4	4	4	4	4	NA
OS3601 lec SEARCH, DETECT MODELS	PD	84	44	2	2	2	2	2	2	2	NA
OS3602 lec MODELS OF ASW C3 PRCSS	PD	84	44	2	1	1	1	1	1	1	NA
OS3603 lec SIMULATION/WAR GAMING	PD	84	33	2	2	2	2	2	2	2	NA
OS3603 lab SIMULATION/WAR GAMING	PD	84	11	2	2	2	2	2	2	2	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
OS3604 lec DECISION/DATA ANALYSIS	PD	84	44	5	4	4	4	4	4	4	NA
OS4601 lec TEST AND EVALUATION	PD	84	44	3	3	3	3	3	3	3	NA
OS4701 lec MANPOWER & PERS MODELS	PD	84	44	2	2	2	2	2	2	2	NA
PH0110 lec REFRESHER PHYSICS	PD	84	55	5	4	4	4	4	4	4	NA
PH0110 lab REFRESHER PHYSICS	PD	84	33	5	3	3	3	3	3	3	NA
PH0110 lab REFRESHER PHYSICS	PD	84	44	0	1	1	1	1	1	1	NA
PH0499 lab ACOUSTICS COLLOQ	PD	84	11	4	4	4	4	4	4	4	NA
PH0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
PH0999 lab PHYSICS COLLOQ	PD	84	11	4	4	4	4	4	4	4	NA
PH1121 lec BASIC PHYSICS I-MECH	PD	84	44	6	5	5	5	5	5	5	NA
PH1121 lab BASIC PHYSICS I-MECH	PD	84	22	6	5	5	5	5	5	5	NA
PH1322 lec BASIC PHYS II-ELEC	PD	84	44	1	0	1	1	1	1	1	NA
PH1322 lab BASIC PHYS II-ELEC	PD	84	11	1	0	1	1	1	1	1	NA
PH1322 lec BASIC PHYS II-ELEC	PD	84	55	3	6	6	6	6	6	6	NA
PH2001 lec PHYSICS THESIS OPPOR	PD	84	11	2	2	2	2	2	2	2	NA
PH2012 lec PHYSICS LABORATORY I	PD	84	11	2	0	2	2	2	2	2	NA
PH2012 lab PHYSICS LABORATORY I	PD	84	33	2	0	2	2	2	2	2	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH2013 lec PHYSICS LABORATORY II	PD	84	11	2	1	1	1	1	1	1	NA
PH2013 lab PHYSICS LABORATORY II	PD	84	33	2	1	1	1	1	1	1	NA
PH2014 lec PHYSICS LABORATORY III	PD	84	11	2	0	2	2	2	2	2	NA
PH2014 lab PHYSICS LABORATORY III	PD	84	33	2	0	2	2	2	2	2	NA
PH2119 lec OSCILLATIONS AND WAVES	PD	84	44	2	2	2	2	2	2	2	NA
PH2119 lab OSCILLATIONS AND WAVES	PD	84	22	2	2	2	2	2	2	2	NA
PH2151 lec MECH I - PARTICLE MECH	PD	84	44	2	0	2	2	2	2	2	NA
PH2151 lab MECH I - PARTICLE MECH	PD	84	11	2	0	2	2	2	2	2	NA
PH2170 lec ANALYTICAL MECHANICS	PD	84	44	0	3	3	3	3	3	3	NA
PH2203 lec WAVES & OPTICS	PD	84	44	1	1	1	1	1	1	1	NA
PH2207 lec FUND,ELECTRO-OPTICS	PD	84	44	1	1	1	1	1	1	1	NA
PH2223 lec BASIC PHYS III:OPTICS	PD	84	44	2	0	2	2	2	2	2	NA
PH2223 lab BASIC PHYS III:OPTICS	PD	84	11	2	0	2	2	2	2	2	NA
PH2351 lec ELECTROMAGNETISM	PD	84	44	2	3	3	3	3	3	3	NA
PH2351 lab ELECTROMAGNETISM	PD	84	11	2	3	3	3	3	3	3	NA
PH2401 lec INTRO, SONAR EQUATIONS	PD	84	33	4	3	3	3	3	3	3	NA
PH2410 lec ANALOG ELEX & SIG COND	PD	84	33	1	0	1	1	1	1	1	NA

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1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH2410 lab ANALOG ELEX & SIG COND	PD	84	22	1	0	1	1	1	1	1	NA
PH2412 lec DATA ACQUI & ANALYSIS	PD	84	33	1	0	1	1	1	1	1	NA
PH2412 lab DATA ACQUI & ANALYSIS	PD	84	22	1	0	1	1	1	1	1	NA
PH2511 lec INTRO TO ORBITAL MECH	PD	84	44	3	3	3	3	3	3	3	NA
PH2511 lec ORBITAL MECHANICS	PD	84	44	0	1	1	1	1	1	1	NA
PH2514 lec INTRO: SPACE ENVIRONMT	PD	84	44	2	2	2	2	2	2	2	NA
PH2601 lec SURVEY OF MOD PHYSICS	PD	84	44	2	1	1	1	1	1	1	NA
PH2601 lab SURVEY OF MOD PHYSICS	PD	84	11	2	1	1	1	1	1	1	NA
PH2681 lec INTRO:QUANTUM PHYSICS	PD	84	44	2	1	1	1	1	1	1	NA
PH2724 lec BASIC PHYS IV:THERMO	PD	84	44	2	0	2	2	2	2	2	NA
PH2911 lec INTRO:COMPTNL PHYSICS	PD	84	33	3	2	2	2	2	2	2	NA
PH2911 lab INTRO:COMPTNL PHYSICS	PD	84	22	3	2	2	2	2	2	2	NA
PH2990 lec OSCILLATIONS & WAVES	PD	84	44	0	3	3	3	3	3	3	NA
PH3002 lec NON-ACOUST SENSOR SYST	PD	84	44	1	1	1	1	1	1	1	NA
PH3152 lec MECHANICS II, EXT SYST	PD	84	44	2	1	1	1	1	1	1	NA
PH3152 lab MECHANICS II, EXT SYST	PD	84	11	2	1	1	1	1	1	1	NA
PH3161 lec FLUID DYNAMICS	PD	84	44	2	2	2	2	2	2	2	NA
PH3161 lab FLUID DYNAMICS	PD	84	11	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH3171 lec EXPLOSIVES & EXPLOSION	PD	84	44	0	3	3	3	3	3	3	NA
PH3208 lec ELEC-OPTIC PRIN & DEV	PD	84	44	1	1	1	1	1	1	1	NA
PH3208 lab ELEC-OPTIC PRIN & DEV	PD	84	11	1	1	1	1	1	1	1	NA
PH3252 lec ELECTRO-OPTICS	PD	84	44	1	1	1	1	1	1	1	NA
PH3292 lec OPTICS&OPTOELECTRONICS	PD	84	33	0	1	1	1	1	1	1	NA
PH3292 lab OPTICS&OPTOELECTRONICS	PD	84	22	0	1	1	1	1	1	1	NA
PH3352 lec ELECTROMAGNETIC WAVES	PD	84	44	2	2	2	2	2	2	2	NA
PH3360 lec ELECTROMAG WAVE PROP	PD	84	44	3	2	2	2	2	2	2	NA
PH3360 lab ELECTROMAG WAVE PROP	PD	84	11	3	2	2	2	2	2	2	NA
PH3402 lec UNDERWATER ACOUSTICS	PD	84	44	2	1	1	1	1	1	1	NA
PH3402 lab UNDERWATER ACOUSTICS	PD	84	11	2	1	1	1	1	1	1	NA
PH3410 lec FIBER-OPTIC SYS/ACOUST	PD	84	33	1	1	1	1	1	1	1	NA
PH3410 lab FIBER-OPTIC SYS/ACOUST	PD	84	22	1	1	1	1	1	1	1	NA
PH3451 lec FUNDAMENTAL ACOUSTICS	PD	84	44	1	2	2	2	2	2	2	NA
PH3451 lab FUNDAMENTAL ACOUSTICS	PD	84	22	1	2	2	2	2	2	2	NA
PH3452 lec UNDERWATER ACOUSTICS	PD	84	44	1	1	1	1	1	1	1	NA
PH3452 lab UNDERWATER ACOUSTICS	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH3458 lec NOISE,SHOCK,VIBR CTRL	PD	84	44	2	0	2	2	2	2	2	NA
PH3461 lec EXPLOSIVES&EXPLOSIONS	PD	84	44	2	0	2	2	2	2	2	NA
PH3479 lec PHYS OF UNDRWTR WPNS	PD	84	44	2	2	2	2	2	2	2	NA
PH3513 lec INTERMED ORBTL MECH	PD	84	22	1	0	1	1	1	1	1	NA
PH3513 lec INTERMED ORBTL MECH	PD	84	33	1	1	1	1	1	1	1	NA
PH3516 lec SPACECRFT ENVR INTRACT	PD	84	33	1	1	1	1	1	1	1	NA
PH3683 lec INTER QUANTUM PHYSICS	PD	84	44	2	2	2	2	2	2	2	NA
PH3683 lab INTER QUANTUM PHYSICS	PD	84	11	2	2	2	2	2	2	2	NA
PH3782 lec THERMODYN STAT PHYSICS	PD	84	44	1	2	2	2	2	2	2	NA
PH3855 lec NUCLEAR PHYSICS	PD	84	44	2	1	1	1	1	1	1	NA
PH3855 lab NUCLEAR PHYSICS	PD	84	22	2	1	1	1	1	1	1	NA
PH3990 lec METH-THEORET PHYSICS	PD	84	44	2	1	1	1	1	1	1	NA
PH3991 lec PHY OSCILLATION&WAVES	PD	84	44	0	2	2	2	2	2	2	NA
PH3998 lec CLASSICAL DYNAMICS	PD	84	11	1	0	1	1	1	1	1	NA
PH3998 lec INTERFEROMETRIC SENSIN	PD	84	11	1	0	1	1	1	1	1	NA
PH3998 lab INTERFEROMETRIC SENSIN	PD	84	22	1	0	1	1	1	1	1	NA
PH3998 lec INTRO THERMACOUSTICSPD84111111111NA											

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH3998 lec LOCAL SPACECRAFT ENV E	PD	84	33	1	0	1	1	1	1	1	NA
PH3998 lec LOG AND HAMIL MECH	PD	84	11	0	1	1	1	1	1	1	NA
PH3998 lab METH ELASTIC PROP VERI	PD	84	33	0	1	1	1	1	1	1	NA
PH3998 lec NONLINEAR DYNAMICS	PD	84	44	0	1	1	1	1	1	1	NA
PH3998 lec QUANTUM MECH	PD	84	44	1	0	1	1	1	1	1	NA
PH3998 lec RADIATION DEVICES	PD	84	22	0	1	1	1	1	1	1	NA
PH3998 lec THERMO ACOUSTICS III	PD	84	11	0	1	1	1	1	1	1	NA
PH3998 lec THERMOACOUSTICS	PD	84	11	0	1	1	1	1	1	1	NA
PH3998 lec TOPICS, INTERMED PHYS	PD	84	11	0	2	2	2	2	2	2	NA
PH3998 lec TOPICS, INTERMED PHYS	PD	84	22	0	4	4	4	4	4	4	NA
PH3998 lec TOPICS, INTERMED PHYS	PD	84	33	1	0	1	1	1	1	1	NA
PH3998 lec TOPICS, INTERMED PHYS	PD	84	44	0	1	1	1	1	1	1	NA
PH4054 lec BEAM&LASER WEAPON PHYS	PD	84	44	1	1	1	1	1	1	1	NA
PH4209 lec EO/IR SYS&CNTRMSR	PD	84	33	1	1	1	1	1	1	1	NA
PH4209 lab EO/IR SYS&CNTRMSR	PD	84	22	1	1	1	1	1	1	1	NA
PH4253 lec SENSORS,SIGNALS & SYST	PD	84	44	1	1	1	1	1	1	1	NA
PH4253 lab SENSORS,SIGNALS & SYST	PD	84	22	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH4254 lec THERMAL IMAG SURV SYS	PD	84	44	0	1	1	1	1	1	1	NA
PH4283 lec LASER PHYSICS	PD	84	44	1	1	1	1	1	1	1	NA
PH4353 lec TOPICS,ADV ELECTY &MAG	PD	84	44	2	2	2	2	2	2	2	NA
PH4403 lec UNDERWATER ACOUSTICS	PD	84	44	2	1	1	1	1	1	1	NA
PH4403 lab UNDERWATER ACOUSTICS	PD	84	11	2	1	1	1	1	1	1	NA
PH4410 lec ADV ACOUSTICS LAB	PD	84	11	1	1	1	1	1	1	1	NA
PH4410 lab ADV ACOUSTICS LAB	PD	84	66	1	1	1	1	1	1	1	NA
PH4453 lec SCATTERING & FLUCTUATN	PD	84	44	0	1	1	1	1	1	1	NA
PH4454 lec TRANSDUCER THEORY	PD	84	44	1	1	1	1	1	1	1	NA
PH4454 lab TRANSDUCER THEORY	PD	84	22	1	1	1	1	1	1	1	NA
PH4455 lec SOUND PROPAGATN OCEAN	PD	84	44	1	1	1	1	1	1	1	NA
PH4456 lec SEMINAR,IN UNDWTR SOUN	PD	84	33	1	0	1	1	1	1	1	NA
PH4515 lec SATELLITE ENVIRONMENT	PD	84	33	3	1	1	1	1	1	1	NA
PH4661 lec PLASMA PHYSICS	PD	84	44	1	1	1	1	1	1	1	NA
PH4662 lec PLASMA PHYSICS II	PD	84	33	1	1	1	1	1	1	1	NA
PH4750 lec SOLIDS & RADIATION EFF	PD	84	44	1	1	1	1	1	1	1	NA
PH4771 lec STATISTICAL PHYSICS I	PD	84	33	0	1	1	1	1	1	1	NA
PH4856 lec PHYSICS NUCLEAR EXPLOS	PD	84	44	2	2	2	2	2	2	2	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH4857 lec RADIATION HYDRO THEORY	PD	84	44	1	0	1	1	1	1	1	NA
PH4911 lec WEAPONS SYS SIMULATION	PD	84	33	2	1	1	1	1	1	1	NA
PH4911 lab WEAPONS SYS SIMULATION	PD	84	22	2	1	1	1	1	1	1	NA
PH4972 lec ADV QUANTUM MECHANICS	PD	84	33	0	1	1	1	1	1	1	NA
PH4973 lec QUANTUM MECH III	PD	84	33	1	0	1	1	1	1	1	NA
PH4973 lec RELATIVISTIC Q.M.	PD	84	33	0	1	1	1	1	1	1	NA
PH4984 lec ADV QUANTUM PHYSICS	PD	84	44	2	2	2	2	2	2	2	NA
PH4991 lec RELATIVITY, COSMOLOGY	PD	84	33	1	0	1	1	1	1	1	NA
PH4998 lec ADV THERMOACOUSTICS	PD	84	44	0	1	1	1	1	1	1	NA
PH4998 lec ADVANCED FEL TOPICS	PD	84	22	1	0	1	1	1	1	1	NA
PH4998 lec ELECTRO-OPTICS	PD	84	22	1	0	1	1	1	1	1	NA
PH4998 lec FREE ELECTRON LASER	PD	84	33	0	1	1	1	1	1	1	NA
PH4998 lec PHYSICS SATELL ENVIRON	PD	84	33	0	1	1	1	1	1	1	NA
PH4998 lec PLASMA FORMTIONS INTER	PD	84	22	0	1	1	1	1	1	1	NA
PH4998 lec QUANTUM MECHANICS II	PD	84	33	1	0	1	1	1	1	1	NA
PH4998 lec SOUND PROPAGATION	PD	84	44	0	1	1	1	1	1	1	NA
PH4998 lab SOUND PROPAGATION	PD	84	11	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
PH4998 lec STATISTICAL PHYSICS II	PD	84	33	1	0	1	1	1	1	1	NA
PH4998 lec TOPICS, ADV PHYSICS	PD	84	22	0	1	1	1	1	1	1	NA
SE2012 lec APP PHYSICS LAB I	PD	84	22	0	2	2	2	2	2	2	NA
SE2012 lab APP PHYSICS LAB I	PD	84	33	0	2	2	2	2	2	2	NA
SE2013 lec APPLIED PHYS LAB II	PD	84	22	0	3	3	3	3	3	3	NA
SE2013 lab APPLIED PHYS LAB II	PD	84	33	0	3	3	3	3	3	3	NA
SE2014 lec PHY LABIII:DIGITAL TEC	PD	84	22	0	2	2	2	2	2	2	NA
SE2014 lab PHY LABIII:DIGITAL TEC	PD	84	33	0	2	2	2	2	2	2	NA
SE3015 lec PHY LAB IV:SYS CONTROL	PD	84	22	0	1	1	1	1	1	1	NA
SE3015 lab PHY LAB IV:SYS CONTROL	PD	84	33	0	1	1	1	1	1	1	NA
SE3301 lec RADIATING SYSTEMS	PD	84	44	2	0	2	2	2	2	2	NA
SE4006 lec TECH ASSESS&INTEL SYS	PD	84	44	1	1	1	1	1	1	1	NA
SE4858 lec NUCLEAR WARFARE ANLSY	PD	84	44	2	1	1	1	1	1	1	NA
SS0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
SS2001 lec MIL OPS IN SPACE I	PD	84	44	1	1	1	1	1	1	1	NA
SS3001 lec MIL APPLICA SPACE I	PD	84	33	0	4	4	4	4	4	4	NA
SS3001 lab MIL APPLICA SPACE I	PD	84	22	0	4	4	4	4	4	4	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
SS3001 lec MIL APPLICA SPACE I	PD	84	44	3	0	3	3	3	3	3	NA
SS3035 lec MICROPROC SPACE APPLIC	PD	84	33	1	1	1	1	1	1	1	NA
SS3035 lab MICROPROC SPACE APPLIC	PD	84	22	1	1	1	1	1	1	1	NA
SS3525 lec AIR/OC SENSNG OTHR CUR	PD	84	33	0	1	1	1	1	1	1	NA
SS3525 lab AIR/OC SENSNG OTHR CUR	PD	84	22	2	2	2	2	2	2	2	NA
SS3525 lec AIR/OC SENSNG OTHR CUR	PD	84	44	2	1	1	1	1	1	1	NA
SS3900 lec FERROELECTRIC MEMORY	PD	84	33	2	0	2	2	2	2	2	NA
SS3900 lec MECH CONTL OF ROBOTIC	PD	84	22	1	0	1	1	1	1	1	NA
SS3900 lec MUL SOURC CORRELATION	PD	84	33	1	0	1	1	1	1	1	NA
SS3900 lec NET ARCH SUPP DISSEMIN	PD	84	33	1	0	1	1	1	1	1	NA
SS3900 lec NPECIAL TOPICS IN SS	PD	84	33	1	0	1	1	1	1	1	NA
SS3900 lec RADAR PROPAGATION STUD	PD	84	33	1	0	1	1	1	1	1	NA
SS3900 lec SIG DETECT GEOLOCATION	PD	84	33	1	0	1	1	1	1	1	NA
SS3900 lec SOVIET SPACE	PD	84	44	1	0	1	1	1	1	1	NA
SS3900 lec SPECIAL TOPICS IN SS	PD	84	33	0	2	2	2	2	2	2	NA
SS3900 lab SPECIAL TOPICS IN SS	PD	84	22	0	2	2	2	2	2	2	NA
SS3900 lec TOOLS OF SYS ANALYSIS	PD	84	44	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
SS4000 lab SPACE SYS SEMINARS	PD	84	11	4	4	4	4	4	4	4	NA
SS4001 lec DECISIONS & SPACE SYST	PD	84	44	1	1	1	1	1	1	1	NA
SS4001 lab DECISIONS & SPACE SYST	PD	84	22	1	1	1	1	1	1	1	NA
SS4900 lec ADV STUDY IN SS	PD	84	22	0	1	1	1	1	1	1	NA
SS4900 lec ADV STUDY IN SS	PD	84	33	0	1	1	1	1	1	1	NA
SS4900 lec LEO COMMMUNICATION SYS	PD	84	33	1	0	1	1	1	1	1	NA
SS4900 lec MULTI SENSOR FUSION	PD	84	33	0	1	1	1	1	1	1	NA
SS4900 lec NUMERI SOLNS TO EQUATI	PD	84	22	0	1	1	1	1	1	1	NA
SS4900 lec SATELLITE REENTRY MODE	PD	84	33	0	1	1	1	1	1	1	NA
SS4900 lec SATELLITE SYSTEM DESIG	PD	84	44	1	0	1	1	1	1	1	NA
SS4900 lec SEW AND C2W COMPARISON	PD	84	33	0	1	1	1	1	1	1	NA
SS4900 lec SPACE & ELECT WARFARE	PD	84	33	1	0	1	1	1	1	1	NA
SS4900 lec SPACE DATA STRUCTUREII	PD	84	44	1	0	1	1	1	1	1	NA
SS4900 lec SPACE DATA STRUCTURES	PD	84	33	1	0	1	1	1	1	1	NA
SS4900 lec SPACE WARFR SYS EVAL	PD	84	44	0	1	1	1	1	1	1	NA
ST0001 lab SEMINAR	PD	84	11	4	4	4	4	4	4	4	NA
ST0810+ lab THESIS RESEARCH	PD	84	88	0	4	4	4	4	4	4	NA
TS3000 lec ELECTRICAL POWER ENGR	PD	84	33	1	1	1	1	1	1	1	NA

Mission Requirements (Cont.)

UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
TS3000 lab ELECTRICAL POWER ENGR	PD	84	22	1	1	1	1	1	1	1	NA
TS3001 lec NAVAL ARCHITECTURE	PD	84	33	1	2	2	2	2	2	2	NA
TS3001 lab NAVAL ARCHITECTURE	PD	84	22	1	2	2	2	2	2	2	NA
TS3002 lec PRINCIPLES SHIP DESIGN	PD	84	33	1	1	1	1	1	1	1	NA
TS3002 lab PRINCIPLES SHIP DESIGN	PD	84	22	1	1	1	1	1	1	1	NA
TS3003 lec NAVAL COMBAT SYSTEMS	PD	84	33	0	1	1	1	1	1	1	NA
TS3003 lab NAVAL COMBAT SYSTEMS	PD	84	22	0	1	1	1	1	1	1	NA
TS3003 lec NAVAL COMBAT SYSTEMS	PD	84	44	1	0	1	1	1	1	1	NA
TS3005 lec NAVL COMBAT SYST DESIG	PD	84	44	1	0	1	1	1	1	1	NA
TS3006 lec MATRL SELECT NAV APLIC	PD	84	44	1	0	1	1	1	1	1	NA
TS4000 lec NAVAL COMBAT SYS ENGRG	PD	84	33	0	1	1	1	1	1	1	NA
TS4000 lab NAVAL COMBAT SYS ENGRG	PD	84	22	0	1	1	1	1	1	1	NA
TS4001 lec DESIGN NAV ENG SUBSYST	PD	84	22	1	1	1	1	1	1	1	NA
TS4001 lab DESIGN NAV ENG SUBSYST	PD	84	22	1	1	1	1	1	1	1	NA
TS4002 lec COMP ADV DSIGN CONCEPT	PD	84	22	0	1	1	1	1	1	1	NA
TS4002 lab COMP ADV DSIGN CONCEPT	PD	84	22	0	1	1	1	1	1	1	NA
TS4002 lec COMP ADV DSIGN CONCEPT	PD	84	33	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.) UIC: 62271

1. Training and Education (Cont.)

Course Identifier	Type Training	Course or CAX Length (days)	Days Under Instruction	Number of Convenings (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobil'n Req(2001)
TS4002 lab COMP ADV DSIGN CONCEPT	PD	84	44	0	1	1	1	1	1	1	NA
TS4003 lec TOTAL SHIP DSIGN ENGRG	PD	84	22	0	1	1	1	1	1	1	NA
TS4003 lab TOTAL SHIP DSIGN ENGRG	PD	84	44	0	1	1	1	1	1	1	NA
ASO lec OFFICER COURSE	FT	38	28	14	14	14	14	14	14	14	NA
ASO lec COMMAND COURSE	FT	5	5	12	12	12	12	12	12	12	NA
DAU: lec TEST202 TEST & EVAL	SP	12	10	0	0	0	12	14	16	16	NA
DAU: lec TEST301 TEST & EVAL	SP	12	10	0	0	0	12	14	16	16	NA
DAU: lec LOG304 LOGISTICS	SP	12	10	0	0	0	12	14	16	16	NA
DAU: lec SYSENG201 SYS ENG	SP	19	15	0	0	0	12	14	16	16	NA
DAU: lec SYSENG301 SYS ENG	SP	12	10	0	0	0	0	6	12	16	NA
PCC: lec U.S. NAVY	SP	12	10	0	0	0	7	7	7	7	NA
PCC: lec MARINES	SP	12	10	0	0	0	2	2	2	2	NA
PCC: lec ARMY/NAVY FLAG ITM	SP	3	3	0	0	0	2	4	4	4	NA

Mission Requirements (Cont.)

1. Training and Education (Cont.)

Defense Resources Management Institute

Course Identifier	Type Training[1]	Course or CAX Length (days)	Days Under Instruc-tion[2]	Number of Convenings[3] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
DRMC	PD	26	19	5	5	5	5	5	5	5	N/A
IDMC	SP(0)	73	51	2	2	2	2	2	2	2	N/A
SIDMC	SP(0)	26	19	1	1	1	1	1	1	1	N/A
MIDMC*	SP(0)	12	10	9	10	9	9	9	9	9	N/A

* This course is taught off-site in other countries.

2. Course Size. For each *course* listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

Naval Postgraduate School

[1]Formal schools and educational institutions only

[2]For CAXs indicate the actual number of training days

[3]For educational institutions the number of convenings should be the total number of section offerings per course.

Mission Requirements (Cont.)

UIC: 62271

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE0020 lab AERO ENGR PROG PLNG	25	25	NA
AE0242 lec THERMODYNAMICS/FLUID	25	25	NA
AE0261 lec SOLID MECHANICS REFRE	25	25	NA
AE0810 lab THESIS RESEARCH	0	0	NA
AE2015 lec ENGINEERING DYNAMICS	25	25	NA
AE2015 lab ENGINEERING DYNAMICS	25	25	NA
AE2021 lec INTRO,FLIGHT STRUCTUR	25	25	NA
AE2021 lab INTRO,FLIGHT STRUCTUR	25	25	NA
AE2035 lec BASIC AERODYNAMICS	25	25	NA
AE2035 lab BASIC AERODYNAMICS	25	25	NA
AE2036 lec PERFORMANCE, STABILIT	25	25	NA
AE2036 lab PERFORMANCE, STABILIT	25	25	NA
AE2042 lec THERMO-FLUID DYNAMICS	25	25	NA
AE2042 lab THERMO-FLUID DYNAMICS	25	25	NA
AE2043 lec FUND OF GAS DYNAMICS	25	25	NA
AE2043 lab FUND OF GAS DYNAMICS	25	25	NA
AE2339 lec AEROSPACE SYS DYNAMIC	25	25	NA
AE2339 lab AEROSPACE SYS DYNAMIC	25	25	NA
AE2440 lec INTRO DIGITAL COMPUTN	25	25	NA
AE2440 lab INTRO DIGITAL COMPUTN	25	25	NA
AE2801 lec AERO-LABORATORIES I	25	25	NA
AE2801 lab AERO-LABORATORIES I	25	25	NA
AE2820 lec INTRO SPACECRAFT STRU	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE2820 lab INTRO SPACECRAFT STRU	25	25	NA
AE3101 lec FLT VEHICLE STRUC ANA	25	25	NA
AE3101 lab FLT VEHICLE STRUC ANA	25	25	NA
AE3202 lec AIRCRAFT STRUC FAILUR	25	25	NA
AE3202 lab AIRCRAFT STRUC FAILUR	25	25	NA
AE3250 lec AIRCRAFT SURVIVABILIT	25	25	NA
AE3251 lec AIRCRAFT COMBAT SURVI	25	25	NA
AE3251 lab AIRCRAFT COMBAT SURVI	25	25	NA
AE3276 lec INTRO TO AVIONICS	25	25	NA
AE3276 lab INTRO TO AVIONICS	25	25	NA
AE3340 lec LIN VIB&DYNAMIC STAB	25	25	NA
AE3340 lab LIN VIB&DYNAMIC STAB	25	25	NA
AE3341 lec CONTROL:AEROSPACE VEH	25	25	NA
AE3341 lab CONTROL:AEROSPACE VEH	25	25	NA
AE3402 lec HELICOP STAB CONTROL	25	25	NA
AE3402 lab HELICOP STAB CONTROL	25	25	NA
AE3451 lec AIRCRAFT,MISSL PROPUL	25	25	NA
AE3451 lab AIRCRAFT,MISSL PROPUL	25	25	NA
AE3501 lec CUR AERODYNAMIC ANALY	25	25	NA
AE3501 lab CUR AERODYNAMIC ANALY	25	25	NA
AE3701 lec MISSILE AERODYNAMICS	25	25	NA
AE3701 lab MISSILE AERODYNAMICS	25	25	NA
AE3705 lec AIR DEF & LETHALITY	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE3705 lab AIR DEF & LETHALITY	25	25	NA
AE3712 lec SURVEY TACT MISS SYS	25	25	NA
AE3712 lab SURVEY TACT MISS SYS	25	25	NA
AE3802 lec ADV AREA INST&TEST FA	25	25	NA
AE3802 lab ADV AREA INST&TEST FA	25	25	NA
AE3804 lec THERMAL CONT OF SPCRF	25	25	NA
AE3811 lec SPACE SYSTEMS LAB	25	25	NA
AE3811 lab SPACE SYSTEMS LAB	25	25	NA
AE3815 lec INTRO TO SPCRFT DYNMC	25	25	NA
AE3815 lab INTRO TO SPCRFT DYNMC	25	25	NA
AE3850 lec PROP FOR SPACE APPLCT	25	25	NA
AE3851 lec SPACECRAFT PROPULSION	25	25	NA
AE3851 lab SPACECRAFT PROPULSION	25	25	NA
AE3900 lec SPECIAL TOPICS IN AER	1	4	NA
AE3900 lab AIRCRAFT/MISSLE PROPU	1	4	NA
AE3900 lec ADA LEATHALITY	1	4	NA
AE3900 lec AIRCRAFT/MISSLE PROPU	1	4	NA
AE4000 lec AERO ENGRNG SEMINAR	200	200	NA
AE4103 lec ADV AIRCRAFT CONST	25	25	NA
AE4103 lab ADV AIRCRAFT CONST	25	25	NA
AE4201 lec RELIABLITY ENG & SYST	25	25	NA
AE4202 lec RELIBLTY COMP MATL	25	25	NA
AE4202 lab RELIBLTY COMP MATL	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE4273 lec AIRCRAFT DESIGN	25	25	NA
AE4273 lab AIRCRAFT DESIGN	25	25	NA
AE4276 lec AVIONICS SYSTEM DESIG	25	25	NA
AE4276 lab AVIONICS SYSTEM DESIG	25	25	NA
AE4304 lec HELICOPTER PERFORMANC	25	25	NA
AE4304 lab HELICOPTER PERFORMANC	25	25	NA
AE4306 lec HELICOPTER DESIGN	25	25	NA
AE4306 lab HELICOPTER DESIGN	25	25	NA
AE4318 lec AEROELASTICITY	25	25	NA
AE4323 lec FLIGHT EVAL TECHNIQUE	25	25	NA
AE4323 lab FLIGHT EVAL TECHNIQUE	25	25	NA
AE4341 lec CONTROL AEROSP VEHICL	25	25	NA
AE4341 lab CONTROL AEROSP VEHICL	25	25	NA
AE4342 lec ADV CONTROL,AEROSP SY	25	25	NA
AE4342 lab ADV CONTROL,AEROSP SY	25	25	NA
AE4431 lec AEROTHERMODYNAMICS	25	25	NA
AE4431 lab AEROTHERMODYNAMICS	25	25	NA
AE4451 lec AIRCRAFT ENGINE DESIG	25	25	NA
AE4451 lab AIRCRAFT ENGINE DESIG	25	25	NA
AE4452 lec ROCKET, MISSILE PROPU	25	25	NA
AE4502 lec HIGH-SPEED AERODYNAM	25	25	NA
AE4505 lec LASER/PART BEAM TECH	25	25	NA
AE4505 lab LASER/PART BEAM TECH	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE4506 lec RAREFIED GAS DYNAMICS	25	25	NA
AE4507 lec FLUID DYN & HEAT TRFR	25	25	NA
AE4507 lab FLUID DYN & HEAT TRFR	25	25	NA
AE4632 lec COMPUTER METHODS AERO	25	25	NA
AE4632 lab COMPUTER METHODS AERO	25	25	NA
AE4641 lec AERONAUT DATA SYSTEMS	25	25	NA
AE4641 lab AERONAUT DATA SYSTEMS	25	25	NA
AE4650 lec PARALLEL DISTRIBUTE P	25	25	NA
AE4703 lec MISSILE STAB & PERFOR	25	25	NA
AE4703 lab MISSILE STAB & PERFOR	25	25	NA
AE4704 lec MISSILE CONFIG & DSGN	25	25	NA
AE4704 lab MISSILE CONFIG & DSGN	25	25	NA
AE4712 lec SURVY OF TACT MISL SY	25	25	NA
AE4712 lab SURVY OF TACT MISL SY	25	25	NA
AE4816 lec DYN FLEX SPACE STRUCT	25	25	NA
AE4818 lec SPCECRFT ATT, DYN&CTR	25	25	NA
AE4830 lec SPACECRAFT SYSTEMS I	25	25	NA
AE4830 lab SPACECRAFT SYSTEMS I	25	25	NA
AE4831 lec SPACECRAFT SYSTEMS II	25	25	NA
AE4831 lab SPACECRAFT SYSTEMS II	25	25	NA
AE4844 lec HYPERSONIC FLIGHT	25	25	NA
AE4870 lec DESIGN OF SPACECRAFT	25	25	NA
AE4871 lec SPCECRFT DSGN & INTII	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE4900 lec CTRL FLEX STRUCTURES	1	4	NA
AE4900 lab ADVANCED STUDY IN AER	1	4	NA
AE4900 lec HIGH ENERGY TUNABLE L	1	4	NA
AE4900 lab COMP FLUID DYNAMICS	1	4	NA
AE4900 lec MODEL OF SPACECFT STR	1	4	NA
AE4900 lab PIEZOELECTRIC SENSORS	1	4	NA
AE4900 lec PIEZOELECTRIC SENSORS	1	4	NA
AE4900 lab SPACECRAFT ALTIT CONT	1	4	NA
AE4900 lec ADVANCED STUDY IN AER	1	4	NA
AE4900 lab SPACECRAFT CONTROL	1	4	NA
AE4900 lec SPACECRAFT CONTROL	1	4	NA
AE4900 lec ADV SPACE ROBOTICS CT	1	4	NA
AE4900 lab CTRL FLEX STRUCTURES	1	4	NA
AE4900 lec ADVANCED STUDY IN AER	1	4	NA
AE4900 lab MODEL OF SPACECFT STR	1	4	NA
AE4900 lec BOUNDARY LAYER THEORY	1	4	NA
AE4900 lab SPACECRAFT SIMULATION	1	4	NA
AE4900 lec COMP FLUID DYNAMICS	1	4	NA
AE4900 lec DYN & CTRL FLEX STRUC	1	4	NA
AE4900 lec FAULT DETECT & ANALYS	1	4	NA
AE4900 lec ROBOTIC CONTROL	1	4	NA
AE4900 lec SPACECRAFT ALTIT CONT	1	4	NA
AE4900 lec STORES SEPARATION	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AE4900 lec SURV TACT MISSILE SYS	1	4	NA
AE4900 lec SURVEY TACTICAL MISSI	1	4	NA
AE4900 lec ADV AERODY ANALYSIS	1	4	NA
AE4900 lec ADV CTRL TECH	1	4	NA
AE4900 lec ADV HELICOPTER CTRLS	1	4	NA
AE4900 lec ADVANCED MISSILE FLIG	1	4	NA
AE4900 lec ADVANCED STUDY IN AER	1	4	NA
AE4900 lec COMP BASE SAT DESIGN	1	4	NA
AE4900 lec COMP FLUID DYNAMICS	1	4	NA
AE4900 lec COMPUTER CONTROL METH	1	4	NA
AE4900 lec CONTINUUM MACHANICS	1	4	NA
AE4900 lec FLUID DYNAMICS	1	4	NA
AE4900 lec GUID WEAP CTRL SYSTEM	1	4	NA
AE4900 lec HYPERSONIC FLIGHT	1	4	NA
AE4900 lec LASER TECHNOLOGY	1	4	NA
AE4900 lec MULTI OBJ CONTROL	1	4	NA
AE4900 lec ROBUST MULTI OBJ CONT	1	4	NA
AE4900 lec SPACECRAFT RE SYS ANA	1	4	NA
AE4900 lec SPACECRAFT TRAGECTORY	1	4	NA
AE4900 lec TAGUCHI METH IN DESIG	1	4	NA
AE4900 lec VTOL TRANSITION	1	4	NA
AS1701 lec COMMUNICATION SKILL 1	25	25	NA
AS2701 lec COMMUNICATION SKILL 1	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
AS3610 lec ECON ANAL & OPS RESRC	25	25	NA
AS3611 lec CAPITAL ALLOCATION	25	25	NA
AS3611 lab CAPITAL ALLOCATION	25	25	NA
CC0001 lab SEMINAR FOR C3	250	250	NA
CC0810 lab THESIS RESEARCH	0	0	NA
CC3000 lec INTRO C3	25	25	NA
CC3001 lec MODELING C3 SYSTEMS	25	25	NA
CC3111 lec C3 MISSION, ORGANIZAT	25	25	NA
CC3900 lec C3 READINGS	1	4	NA
CC3900 lec SPEC TOP,COM CONT&COM	1	4	NA
CC3900 lec COMBAT MODELS C3	1	4	NA
CC3900 lec SPEC TOP,COM CONT&COM	1	4	NA
CC4001 lec C3:STRUCTURE/PROC/DYN	25	25	NA
CC4001 lab C3:STRUCTURE/PROC/DYN	25	25	NA
CC4002 lec C3 ARCHITEC & ENGR II	25	25	NA
CC4002 lab C3 ARCHITEC & ENGR II	25	25	NA
CC4003 lec C3 SYSTEMS EVALUATION	25	25	NA
CC4003 lab C3 SYSTEMS EVALUATION	25	25	NA
CC4113 lec POLICIES & PROBS IN C	25	25	NA
CC4200 lec COMBAT SYS ENGR	25	25	NA
CC4900 lec C3 NETWORKS	1	4	NA
CC4900 lec ADV STDY:COM CONTR&CO	1	4	NA
CC4900 lec C3 POLICIES & PROBS	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CC4900 lec C3 SYSTEMS EVAL	1	4	NA
CC4900 lec DATA LINKS	1	4	NA
CC4900 lec MLS IN C3 SYSTEMS	1	4	NA
CC4900 lec RELATIONAL DBMS TECHN	1	4	NA
CC4900 lec STATS ANAL COMP SIMU	1	4	NA
CC4900 lec SYN APERTURE RADAR	1	4	NA
CC4900 lec FUTURE DEV RUSSIAN C3	1	4	NA
CM3002 lec ECON EVAL TELECOMM SY	25	25	NA
CM0001 lab SEM TELCOM SYST MGMT	25	25	NA
CM3112 lec NAVY TELECOM SYSTEMS	25	25	NA
CM4925 lec TELECOMM:INDUSTRY, RE	25	25	NA
CS0001 lab SEMINAR	25	25	NA
CS0100 lec REFRESHER ADA PROGRAM	25	25	NA
CS0100 lab REFRESHER ADA PROGRAM	25	25	NA
CS0101 lec REFRESH-LAB SYSTEMS	25	25	NA
CS0101 lab REFRESH-LAB SYSTEMS	25	25	NA
CS0810 lab THESIS RESEARCH	0	0	NA
CS2920 lec INTRO COMP MANAGEMENT	1	4	NA
CS2920 lab INTRO COMP MANAGEMENT	1	4	NA
CS2970 lec STRUCT PROGR W/ADA	25	25	NA
CS2970 lab STRUCT PROGR W/ADA	25	25	NA
CS3010 lec COMPUTING DEVICES&SYS	25	25	NA
CS3030 lec PRIN OPERATING SYSTEM	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS3050 lec SOFTWARE PROJ DEVEL	25	25	NA
CS3111 lec PRIN PROGRAM LANGUAGE	25	25	NA
CS3113 lec INTRO TO COMPILERS	25	25	NA
CS3113 lab INTRO TO COMPILERS	25	25	NA
CS3200 lec NEW COMPUTER ARCH	25	25	NA
CS3200 lab NEW COMPUTER ARCH	25	25	NA
CS3300 lec DATA STRUCTURES	25	25	NA
CS3300 lab DATA STRUCTURES	25	25	NA
CS3310 lec ARTIFICIAL INTELL	25	25	NA
CS3320 lec DATABASE SYSTEMS	25	25	NA
CS3320 lab DATABASE SYSTEMS	25	25	NA
CS3450 lec SOFTWARE SYST DESIGN	25	25	NA
CS3450 lab SOFTWARE SYST DESIGN	25	25	NA
CS3460 lec SOFTWARE METHODOLOGY	25	25	NA
CS3460 lab SOFTWARE METHODOLOGY	25	25	NA
CS3502 lec COMP COMM & NETWORKS	25	25	NA
CS3550 lec COMP IN COMBAT SYSTEM	25	25	NA
CS3550 lab COMP IN COMBAT SYSTEM	25	25	NA
CS3601 lec AUTOMATA&FORMAL LANG	25	25	NA
CS3650 lec THEORY OF ALGORITHMS	25	25	NA
CS3700 lec ADV PROGRAMMING C++	25	25	NA
CS3700 lab ADV PROGRAMMING C++	25	25	NA
CS3800 lec COMMUNICATION NETWORK	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS3800 lab DBMS SOFTWARE	1	4	NA
CS3920 lec ADV PROG IN C &C++ SC	25	25	NA
CS3920 lab TOPICS IN COMPUTER SC	25	25	NA
CS3920 lec ADV PROGRAMMING C++	25	25	NA
CS3920 lab ADV PROG IN C &C++ SC	25	25	NA
CS3920 lec TOPICS IN COMPUTER SC	25	25	NA
CS3920 lab ADV PROGRAMMING C++	25	25	NA
CS3920 lec TOPICS IN COMPUTER SC	25	25	NA
CS3920 lab TOPICS IN COMPUTER SC	25	25	NA
CS4112 lec OPERATING SYSTEMS	25	25	NA
CS4112 lab OPERATING SYSTEMS	25	25	NA
CS4112 lec OPERATING SYSTEMS	25	25	NA
CS4113 lec ADV LANGUAGE TOPICS	25	25	NA
CS4114 lec ADV TOPICS IN OBJ PRO	25	25	NA
CS4114 lab ADV TOPICS IN OBJ PRO	25	25	NA
CS4150 lec PROGRAMG TOOLS/ENVIRO	25	25	NA
CS4202 lec COMPUTER GRAPHICS	25	25	NA
CS4202 lab COMPUTER GRAPHICS	25	25	NA
CS4203 lec INTERACT COMPUTA SYST	25	25	NA
CS4203 lab INTERACT COMPUTA SYST	25	25	NA
CS4310 lec ADV ARTIFICIAL INTELL	25	25	NA
CS4311 lec EXPERT SYSTEMS	25	25	NA
CS4311 lab EXPERT SYSTEMS	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4311 lab EXPERT SYSTEMS	25	25	NA
CS4312 lec ADVANCED DATABASE SYS	25	25	NA
CS4312 lab ADVANCED DATABASE SYS	25	25	NA
CS4313 lec ADVANCED ROBOTIC SYS	25	25	NA
CS4314 lec SYMBOLIC COMPUTING	25	25	NA
CS4314 lab SYMBOLIC COMPUTING	25	25	NA
CS4322 lec ADV DATABASE SYS TOPI	25	25	NA
CS4322 lab ADV DATABASE SYS TOPI	25	25	NA
CS4450 lec ADV COMPUTER ARCHITEC	25	25	NA
CS4451 lec MULTI-PROC/REAL-TIME	25	25	NA
CS4451 lab MULTI-PROC/REAL-TIME	25	25	NA
CS4470 lec COMP GRAPHICS TOPICS	25	25	NA
CS4470 lab COMP GRAPHICS TOPICS	25	25	NA
CS4471 lec COMPUTER ANIMATION	25	25	NA
CS4471 lab COMPUTER ANIMATION	25	25	NA
CS4472 lec PHYSICALLY BASED MODE	25	25	NA
CS4472 lab PHYSICALLY BASED MODE	25	25	NA
CS4473 lec VIRTUAL WORLDS SIM SY	25	25	NA
CS4473 lab VIRTUAL WORLDS SIM SY	25	25	NA
CS4500 lec SOFTWARE ENGINEERING	25	25	NA
CS4500 lab SOFTWARE ENGINEERING	25	25	NA
CS4520 lec ADV SOFTWARE ENG	25	25	NA
CS4530 lec SOFTWARE ENG ADA	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4540 lec SOFTWARE TESTING	25	25	NA
CS4540 lab SOFTWARE TESTING	25	25	NA
CS4550 lec COMPUTER NETWORKS II	25	25	NA
CS4550 lec DISTRIBUTED COMPUTING	25	25	NA
CS4601 lec COMPUTER SECURITY	25	25	NA
CS4602 lec ADV COMPUTER SECURITY	1	4	NA
CS4800 lec DIRECTED STUDIES/CS	1	4	NA
CS4800 lab DIRECTED STUDIES/CS	1	4	NA
CS4800 lec HAND SENSOR INPUT P/C	1	4	NA
CS4800 lab HAND SENSOR INPUT P/C	1	4	NA
CS4800 lec PROJ DOCUMENTATION	1	4	NA
CS4800 lab NPS NET FUTURES III	1	4	NA
CS4800 lec NPSNET FUTURE STUD II	1	4	NA
CS4800 lab VISUAL PROG OBJ ORIEN	1	4	NA
CS4800 lec OBJ/VISUAL ORIENT PRO	1	4	NA
CS4800 lab ADV C++ TOPICS	1	4	NA
CS4800 lec VISUAL PROG OBJ ORIEN	1	4	NA
CS4800 lab GRAPHICAL ROBOT DYNAM	1	4	NA
CS4800 lec ADV READ IN COMMUNICA	1	4	NA
CS4800 lab REFER LOC IN LOOP PIP	1	4	NA
CS4800 lec ADV READ IN COMP SCIE	1	4	NA
CS4800 lab VISUAL/OBJ ORIENTATED	1	4	NA
CS4800 lec ANALY REAL TIME STUDY	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4800 lab ADV TOP VIRT WORLD IN	1	4	NA
CS4800 lec DIRECTED STUDIES/CS	1	4	NA
CS4800 lab DBASE TECH IN REAL TI	1	4	NA
CS4800 lec GENETIC ALGORITHMS	1	4	NA
CS4800 lab DIRECTED STUDIES/CS	1	4	NA
CS4800 lec PROG TECH LARGE OBJ	1	4	NA
CS4800 lab GENETIC ALGORITHIMS	1	4	NA
CS4800 lec RISC PROC ARCH	1	4	NA
CS4800 lab LARGE DATABASE SYSTEM	1	4	NA
CS4800 lec ADV LANGUAGE TOPICS	1	4	NA
CS4800 lab NPSNET RESEAR GROUP	1	4	NA
CS4800 lec ADV WIDE AREA NETWRK	1	4	NA
CS4800 lab OBJ/VISUAL ORIENT PRO	1	4	NA
CS4800 lec C++ ADVANCED PROGRAM	1	4	NA
CS4800 lab PROJ DOCUMENTATION	1	4	NA
CS4800 lec DATABASE SEMANTIC EQU	1	4	NA
CS4800 lab VIRTUAL REALITY II	1	4	NA
CS4800 lec DIGITAL SWITCHING	1	4	NA
CS4800 lab VIRTUAL SOUND	1	4	NA
CS4800 lec DIR STUDIES IN NETWRK	1	4	NA
CS4800 lab ADV TELECOMMUNICATION	1	4	NA
CS4800 lab ADVANCED PROGRAM C++	1	4	NA
CS4800 lec DIRECTED STUDIES/CS	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4800 lab ADV SOFWARE ENGR	1	4	NA
CS4800 lec NPSNET FUTURE STUDIES	1	4	NA
CS4800 lab VISUAL PROGRAMMING	1	4	NA
CS4800 lec NPSNET RESEARCH GROUP	1	4	NA
CS4800 lab ADV COMP SCIENCE	1	4	NA
CS4800 lec OBJ ORIENTED DBASES	1	4	NA
CS4800 lab COMP OF AERO MODELS	1	4	NA
CS4800 lec PROBLEM SOLVING	1	4	NA
CS4800 lab CONST OF VISUAL SIMUL	1	4	NA
CS4800 lec SOFTWARE PROJECT MGMT	1	4	NA
CS4800 lab DIRECTED STUDIES/CS	1	4	NA
CS4800 lec SUPERSCALAR COMP ARCH	1	4	NA
CS4800 lab NAUT EXP SYS DEVELOPM	1	4	NA
CS4800 lab NPS SCRIPT FILES STDY	1	4	NA
CS4800 lab OBJ ORIEN DBASE DESIG	1	4	NA
CS4800 lab OBJECT ORIENTED DBASE	1	4	NA
CS4800 lab PROTOCOL TESTING	1	4	NA
CS4800 lab ROBOTICS WITH R.B.M.	1	4	NA
CS4800 lab VIRTUAL REALITY	1	4	NA
CS4800 lab 3D COMBAT MODELING	1	4	NA
CS4900 lab RESEARCH SEM, COMP SC	25	25	NA
CS4910 lec ADA IN ROBOTICS	1	4	NA
CS4910 lab ADV PROG C C++	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lec ADV C++ FOR GRAPHICS	1	4	NA
CS4910 lab OOP/OODBMS BROWSERS	1	4	NA
CS4910 lec ADV STUD GENETIC ALGO	1	4	NA
CS4910 lab VISUAL OBJ ORIENT PRO	1	4	NA
CS4910 lec DOMAIN ANLY APPROACH	1	4	NA
CS4910 lab ADV EXPRT SYS W KEE/C	1	4	NA
CS4910 lec LOCOMOTION CONTROL	1	4	NA
CS4910 lab ADV PRGM IN CTT	1	4	NA
CS4910 lec RBM IN ROBOTICS	1	4	NA
CS4910 lab ADVANCE TOPIC C++	1	4	NA
CS4910 lec RBM TACT LEV IMPLEMEN	1	4	NA
CS4910 lab ADVANCED READINGS/CS	1	4	NA
CS4910 lec ROBOT MOTION CONTROL	1	4	NA
CS4910 lab C++ ADVANCED PROGRAMI	1	4	NA
CS4910 lec ADV EXPRT SYS W KEE/C	1	4	NA
CS4910 lab COMPUTER GRAPHIC TUTO	1	4	NA
CS4910 lec ADVANCED READINGS/CS	1	4	NA
CS4910 lab FEDERATED OODBMS	1	4	NA
CS4910 lec NPS NET FUTURE STUDIE	1	4	NA
CS4910 lab ROBOT DYNAMICS	1	4	NA
CS4910 lec OPTIMAL MOTION PLANNI	1	4	NA
CS4910 lab THEORY OF COMPUTATION	1	4	NA
CS4910 lec PREDICATE LOGIC	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lab TRANS PARAL COMPUTING	1	4	NA
CS4910 lec ROBOT DYNAMICS	1	4	NA
CS4910 lab ADV C++ FOR GRAPHICS	1	4	NA
CS4910 lec STRUC OBJ ORIENT PROG	1	4	NA
CS4910 lab ADV STUD GENETIC ALGO	1	4	NA
CS4910 lec TRANS PARAL COMPUTING	1	4	NA
CS4910 lab ADVANCED READINGS/CS	1	4	NA
CS4910 lec ADV DATA NETWORKS	1	4	NA
CS4910 lab DOMAIN ANLY APPROACH	1	4	NA
CS4910 lec ADV PRGM IN CTT	1	4	NA
CS4910 lab GRAPHICS IN ADA	1	4	NA
CS4910 lec ADVANCE TOPIC C++	1	4	NA
CS4910 lab HEXAPOD KINEMATICS	1	4	NA
CS4910 lec ADVANCED READINGS/CS	1	4	NA
CS4910 lab LOCOMOTION CONTROL	1	4	NA
CS4910 lec AUTONOMOUS VEH/PATH F	1	4	NA
CS4910 lab ROBOT KINEMAT IN LISP	1	4	NA
CS4910 lec C++ ADVANCED PROGRAMI	1	4	NA
CS4910 lab ROBOTICS APP OF OBJ O	1	4	NA
CS4910 lec COMPUTER GRAPHIC TUTO	1	4	NA
CS4910 lab ADA IN ROBOTICS	1	4	NA
CS4910 lec LGHT WGHT TRANS PROTO	1	4	NA
CS4910 lab ADVANCED READINGS/CS	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lec OBJ AUV HYDRODYN MODE	1	4	NA
CS4910 lab COMPUTER SECURITY	1	4	NA
CS4910 lec OOP/OODBMS BROWSERS	1	4	NA
CS4910 lab FUZZY LOGIC	1	4	NA
CS4910 lec VISUAL OBJ ORIENT PRO	1	4	NA
CS4910 lab NPS NET FUTURE STUDIE	1	4	NA
CS4910 lab OPTIMAL MOTION PLANNI	1	4	NA
CS4910 lec ADV COMP ARCHITECTURE	1	4	NA
CS4910 lab QUATERNIONS IN GRAPHI	1	4	NA
CS4910 lec ADV DATABASE SECURITY	1	4	NA
CS4910 lab RAL TIME SYS SCHEDULI	1	4	NA
CS4910 lec ADV PROG C C++	1	4	NA
CS4910 lab RBM TACT LEV IMPLEMEN	1	4	NA
CS4910 lec ADVANCED READINGS/CS	1	4	NA
CS4910 lab ROBOT CONTROL THEORY	1	4	NA
CS4910 lec CAI DESIGN	1	4	NA
CS4910 lab ROBOT MOTION CONTROL	1	4	NA
CS4910 lec DATA MODELS	1	4	NA
CS4910 lab STRUC OBJ ORIENT PROG	1	4	NA
CS4910 lec DATABASE SECURITY	1	4	NA
CS4910 lab WALKING ROBOT RESEARC	1	4	NA
CS4910 lec DOD SOFTWARE ACQ & MG	1	4	NA
CS4910 lab COMP GRAPH IN WAVEFRO	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lec EXP SYS APPL STUDIES	1	4	NA
CS4910 lab OBJ ORIENT DATA MODEL	1	4	NA
CS4910 lec INTRO TO TRANSPUTERS	1	4	NA
CS4910 lab ADVANCED READINGS/CS	1	4	NA
CS4910 lec NET DIS OPER SYS	1	4	NA
CS4910 lab COMPUTATIONAL GEOMETR	1	4	NA
CS4910 lec SEMINAR SOFTWARE TEST	1	4	NA
CS4910 lab DATABASE INTERFACES	1	4	NA
CS4910 lec TAMPS DATABASE REVIEW	1	4	NA
CS4910 lab HUMAN COMP INTERFACE	1	4	NA
CS4910 lab PARALLEL ALGORITHMS	1	4	NA
CS4910 lab RBM IN ROBOTICS	1	4	NA
CS4910 lab ROBOTICS LANG DES SIM	1	4	NA
CS4910 lab ROBOTICS MOTION CONTR	1	4	NA
CS4910 lab SECURITY MODELING	1	4	NA
CS4910 lab ADA REUSABLE COMP	1	4	NA
CS4910 lab ADV GENETIC ALGORITHM	1	4	NA
CS4910 lab ADV GRAPHICS	1	4	NA
CS4910 lab ADV PROG TOPICS	1	4	NA
CS4910 lab ADV READ IN COMP SCIE	1	4	NA
CS4910 lab ADV READINGS COMP NET	1	4	NA
CS4910 lab ADV STUDY IN COMP SIM	1	4	NA
CS4910 lab ADV TOPICS SOFT TESTI	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lab ADV TOPICS TELECOMMUN	1	4	NA
CS4910 lab ADVANCED READINGS/CS	1	4	NA
CS4910 lab ALGOR ANLY IN WAR GAM	1	4	NA
CS4910 lab ANTI SUB WARFARE SIMU	1	4	NA
CS4910 lab APP OF XWINDOW TOOLKI	1	4	NA
CS4910 lab C++ DATABASE DESIGN	1	4	NA
CS4910 lab C++ OBJ ORIENT DESIGN	1	4	NA
CS4910 lab COMP INTERFACE DESIGN	1	4	NA
CS4910 lab COUR DEV FOR UNIX SEC	1	4	NA
CS4910 lab DGN RES FOR HYPER NPS	1	4	NA
CS4910 lab EXPERT SYSTEMS	1	4	NA
CS4910 lab HIGH SPEED NETWORKS	1	4	NA
CS4910 lab INTELL TUTOR SYSTEMS	1	4	NA
CS4910 lab LISP PROGRAMMING	1	4	NA
CS4910 lab OBJECT ORIENT DATABAS	1	4	NA
CS4910 lab OBJECT-ORIENTED PROG	1	4	NA
CS4910 lab PROG TOOLS ENVIRONMEN	1	4	NA
CS4910 lab READINGS IN DATABASE	1	4	NA
CS4910 lab RISK ANAL DIS REC PLA	1	4	NA
CS4910 lab SONAR EXPERT SYSTEMS	1	4	NA
CS4910 lab TESTING OF SAFENET	1	4	NA
CS4910 lab UNIX SECURITY	1	4	NA
CS4910 lab VIRTUAL WORLDS II	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4910 lab 3D HYPERTEXT R&D	1	4	NA
CS4920 lec USER INTERFACE DESIGN	1	4	NA
CS4920 lab ADA REAL TIME SOFTWAR	1	4	NA
CS4920 lec EXP SYS IN ROBOTICS	1	4	NA
CS4920 lab INTRO TO COMP MGMT	1	4	NA
CS4920 lab PARALLEL COMPUTING	1	4	NA
CS4920 lec HPOS W/KERBEROS	1	4	NA
CS4920 lab ADV TOPICS/CS	1	4	NA
CS4920 lec KERBEROS NETWORK SECU	1	4	NA
CS4920 lab COMPUTER INTERFACE DE	1	4	NA
CS4920 lec PARALLEL COMPUTING	1	4	NA
CS4920 lab EXP SYS IN ROBOTICS	1	4	NA
CS4920 lec PREDICATE CALCULUS	1	4	NA
CS4920 lec ADV TOPICS IN AI	1	4	NA
CS4920 lab SCIENTIFIC VISUALIZAT	1	4	NA
CS4920 lec ADV TOPICS/CS	1	4	NA
CS4920 lab HPOS W/KERBEROS	1	4	NA
CS4920 lec COMPUTER INTERFACE DE	1	4	NA
CS4920 lab KERBEROS NETWORK SECU	1	4	NA
CS4920 lec INTRO TO COMP MGMT	1	4	NA
CS4920 lab PREDICATE CALCULUS	1	4	NA
CS4920 lec PARALLEL COMPUTING	1	4	NA
CS4920 lab USER INTERFACE DESIGN	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
CS4920 lec SCIENTIFIC VISUALIZAT	1	4	NA
CS4920 lab ONLINE HELP SYS DEVEL	1	4	NA
CS4920 lec SOFTWARE CONFIG MGMT	1	4	NA
CS4920 lab PROG TOOL ENVIRONMENT	1	4	NA
CS4920 lec ADA REAL TIME SOFTWAR	1	4	NA
CS4920 lec ADV TOPICS/CS	1	4	NA
CS4920 lec ADV WIDE AREA NTWK MG	1	4	NA
CS4920 lec COMPUTING & COMPLEXIT	1	4	NA
CS4920 lec DIST DATABASE SYSTEMS	1	4	NA
EC0810 lab THESIS RESEARCH	0	0	NA
EC0950 lab SEMINAR	200	200	NA
EC1010 lec INTRO TO MATLAB	25	25	NA
EC2010 lec ANL SIGNALS & SYSTEM	25	25	NA
EC2010 lab ANL SIGNALS & SYSTEM2525NA			
EC2100 lec CIRCUIT ANALYSIS I	25	25	NA
EC2100 lab CIRCUIT ANALYSIS I	25	25	NA
EC2110 lec CIRCUIT ANALYSIS II	25	25	NA
EC2110 lab CIRCUIT ANALYSIS II	25	25	NA
EC2170 lec INTRO TO ELEC ENG	25	25	NA
EC2170 lab INTRO TO ELEC ENG	25	25	NA
EC2200 lec ELEX ENGINEERING I	25	25	NA
EC2200 lab ELEX ENGINEERING I	25	25	NA
EC2210 lec ELEX ENGINEERING II	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC2210 lab ELEX ENGINEERING II	25	25	NA
EC2220 lec DESIGN ELEC CIRCUITS	25	25	NA
EC2220 lab DESIGN ELEC CIRCUITS	25	25	NA
EC2250 lec ACCEL REV,ELEX ENGR	25	25	NA
EC2250 lab ACCEL REV,ELEX ENGR	25	25	NA
EC2270 lec ELTRONIC/ELECTRIC MAC	25	25	NA
EC2270 lab ELTRONIC/ELECTRIC MAC	25	25	NA
EC2300 lec CONTROL SYSTEMS	25	25	NA
EC2300 lab CONTROL SYSTEMS	25	25	NA
EC2320 lec LINEAR SYSTEMS	25	25	NA
EC2400 lec DISCRETE SYSTEMS	25	25	NA
EC2400 lab DISCRETE SYSTEMS	25	25	NA
EC2410 lec FOURIER ANL:SGNL&SYS	25	25	NA
EC2420 lec LINEAR SYSTEMS	25	25	NA
EC2450 lec ACCEL REV LINEAR SYST	25	25	NA
EC2500 lec PRINCIPLES OF COM SYS	25	25	NA
EC2500 lab PRINCIPLES OF COM SYS	25	25	NA
EC2600 lec INTRO, FIELDS & WAVES	25	25	NA
EC2610 lec ELECTROMAGNETIC ENGRG	25	25	NA
EC2610 lab ELECTROMAGNETIC ENGRG	25	25	NA
EC2650 lec ACCL REV ELECTROMAG	25	25	NA
EC2650 lab ACCL REV ELECTROMAG	25	25	NA
EC2800 lec INTRO:MICROPROCESSORS	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC2800 lab INTRO:MICROPROCESSORS	25	25	NA
EC2810 lec DIGITAL MACHINES	25	25	NA
EC2810 lab DIGITAL MACHINES	25	25	NA
EC2820 lec DIGITAL LOGIC CIRCS	25	25	NA
EC2820 lab DIGITAL LOGIC CIRCS	25	25	NA
EC2890 lab DIGITAL CIRCUIT DESIG	1	4	NA
EC2990 lec ANTENNA DESIGN	1	4	NA
EC2990 lab ANTENNA DESIGN	1	4	NA
EC2990 lec CAD DESIGN	1	4	NA
EC2990 lab CAD DESIGN	1	4	NA
EC2990 lec DES OF DIG IF RECEIVE	1	4	NA
EC2990 lab DES OF DIG IF RECEIVE	1	4	NA
EC2990 lec DES PROJ IN EE	1	4	NA
EC2990 lab DES PROJ IN EE	1	4	NA
EC2990 lec DIGITAL RF POWER MEAS	1	4	NA
EC2990 lab DIGITAL RF POWER MEAS	1	4	NA
EC2990 lec EM SCATTERING	1	4	NA
EC2990 lab EM SCATTERING	1	4	NA
EC2990 lec ENERGY CIRCUITS	1	4	NA
EC2990 lab ENERGY CIRCUITS	1	4	NA
EC2990 lec EW LABORATORY ENHANCE	1	4	NA
EC2990 lab EW LABORATORY ENHANCE	1	4	NA
EC2990 lec FIBER OPTIC DATA LINK	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC2990 lab FIBER OPTIC DATA LINK	1	4	NA
EC2990 lec GPS	1	4	NA
EC2990 lab FIBER OPTIC IMPLEMENT	1	4	NA
EC2990 lec MISSILE CONTROLS	1	4	NA
EC2990 lab GPS	1	4	NA
EC2990 lec SIGNAL DESCRAMBLER	1	4	NA
EC2990 lab MISSILE CONTROLS	1	4	NA
EC2990 lec SPEC STUD IN FIBER OP	1	4	NA
EC2990 lab SIGNAL DESCRAMBLER	1	4	NA
EC2990 lab SPEC STUD IN FIBER OP	1	4	NA
EC3210 lec INTRO ELECTRO-OPT ENG	25	25	NA
EC3210 lab INTRO ELECTRO-OPT ENG	25	25	NA
EC3270 lec POWER ELECTRONICS	25	25	NA
EC3270 lab POWER ELECTRONICS	25	25	NA
EC3270 lab POWER ELECTRONICS	25	25	NA
EC3310 lec LINEAR OPTIMAL ESTMAT	25	25	NA
EC3310 lab LINEAR OPTIMAL ESTMAT	25	25	NA
EC3400 lec DIGITAL SIGNAL PROC	25	25	NA
EC3400 lab DIGITAL SIGNAL PROC	25	25	NA
EC3410 lec INTRO DISC-TIME PROC	25	25	NA
EC3420 lec DIGITAL SIGNAL PROCES	25	25	NA
EC3420 lab DIGITAL SIGNAL PROCES	25	25	NA
EC3440 lec IMAGE PROCSNG & RECOG	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC3440 lab IMAGE PROCSNG & RECOG	25	25	NA
EC3450 lec ACOUSTIC FIELD THEORY	25	25	NA
EC3500 lec ANLY RANDOM SIGNALS	25	25	NA
EC3510 lec COMMUNICATIONS ENGRG	25	25	NA
EC3510 lab COMMUNICATIONS ENGRG	25	25	NA
EC3550 lec FIBEROPTIC SYSTEMS	25	25	NA
EC3550 lab FIBEROPTIC SYSTEMS	25	25	NA
EC3600 lec ELECTROMAG RADIATION	25	25	NA
EC3600 lab ELECTROMAG RADIATION	25	25	NA
EC3610 lec MICROWAVE CIRCUITS	25	25	NA
EC3610 lab MICROWAVE CIRCUITS	25	25	NA
EC3620 lec MICROWAVE DEVICES	25	25	NA
EC3620 lab MICROWAVE DEVICES	25	25	NA
EC3630 lec RADIOWAVE PROPAGATION	25	25	NA
EC3640 lec ELECTRO ENVIRO EFFECT	25	25	NA
EC3650 lec COMPUT ELECTROMAG MOD	25	25	NA
EC3650 lab COMPUT ELECTROMAG MOD	25	25	NA
EC3670 lec PRINS OF RADAR SYSTS	25	25	NA
EC3670 lab PRINS OF RADAR SYSTS	25	25	NA
EC3800 lec MICROPROC SYST DESIGN	25	25	NA
EC3800 lab MICROPROC SYST DESIGN	25	25	NA
EC3820 lec COMPUTER SYSTEMS	25	25	NA
EC3820 lab COMPUTER SYSTEMS	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC3830 lec DIGITAL DESIGN METHOD	25	25	NA
EC3830 lab DIGITAL DESIGN METHOD	25	25	NA
EC3840 lec INTRO COMPTR ARCHITEC	25	25	NA
EC3840 lab INTRO COMPTR ARCHITEC	25	25	NA
EC3910 lec A/D QUANTIZATION NOIS	1	4	NA
EC3910 lab TOPICS IN EE	1	4	NA
EC3910 lec COMMUNIC AND COUNTRME	25	25	NA
EC3910 lab A/D QUANTIZATION NOIS	1	4	NA
EC3910 lec TOPICS IN EE	1	4	NA
EC3910 lab TOPICS IN EE	1	4	NA
EC3930 lec TOPICS IN EE AND CE	1	4	NA
EC3930 lab TOPICS IN EE AND CE	1	4	NA
EC3940 lec SIGINT SYS&CAPABILITI	25	25	NA
EC3940 lab SIGINT SYS&CAPABILITI	25	25	NA
EC3950 lec INTRO TO ROBOTICS	25	25	NA
EC3950 lab INTRO TO ROBOTICS	25	25	NA
EC3960 lec ELECTRIC MACHINERY SY	25	25	NA
EC3960 lec ELECTRIC MACHINERY SY	25	25	NA
EC3990 lec SPACE POWER	1	4	NA
EC3990 lab SPACE POWER	1	4	NA
EC3990 lec ULTRA-WIDE BAND RADAR	1	4	NA
EC4000 lec FUTURE ENGINEERING PR	25	25	NA
EC4010 lec PRINCIP SYS MANAGEMEN	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4100 lec ADV NETWORK THEORY	25	25	NA
EC4100 lab ADV NETWORK THEORY	25	25	NA
EC4210 lec ELECTRO-OPTIC SYS ENG	25	25	NA
EC4310 lec DIGITAL CONTROL SYST	25	25	NA
EC4320 lec DES, LINEAR CNTRL SYS	25	25	NA
EC4330 lec NAVIGATN,MISL&AVIONIC	25	25	NA
EC4330 lab NAVIGATN,MISL&AVIONIC	25	25	NA
EC4340 lec NAVIGATN,MISL&AVIONIC	25	25	NA
EC4340 lab NAVIGATN,MISL&AVIONIC	25	25	NA
EC4350 lec NONLINEAR SYSTEMS	25	25	NA
EC4350 lab NONLINEAR SYSTEMS	25	25	NA
EC4360 lec SYSTEM IDENTIFICATION	25	25	NA
EC4360 lab SYSTEM IDENTIFICATION	25	25	NA
EC4370 lec MATH MOD&SIM/CNTRL SY	25	25	NA
EC4410 lec SPEECH SIGNAL PROCESS	25	25	NA
EC4410 lab SPEECH SIGNAL PROCESS	25	25	NA
EC4420 lec MODERN SPECTRAL ESTIM	25	25	NA
EC4420 lab MODERN SPECTRAL ESTIM	25	25	NA
EC4440 lec DIGITAL SIGNAL PROCSN	25	25	NA
EC4440 lab DIGITAL SIGNAL PROCSN	25	25	NA
EC4450 lec SONAR SYSTEMS ENGRG	25	25	NA
EC4450 lab SONAR SYSTEMS ENGRG	25	25	NA
EC4460 lec PRIN OF SYSTEMS ENGRG2525NA			

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4470 lec ADAPTIVE SIGNAL PROCE	25	25	NA
EC4470 lab ADAPTIVE SIGNAL PROCE	25	25	NA
EC4480 lec IMAGE PROC & RECOGNI	25	25	NA
EC4480 lab IMAGE PROC & RECOGNI	25	25	NA
EC4490 lec OCEAN ACOUSTIC TOM	25	25	NA
EC4550 lec DIGITAL COMMUNICATION	25	25	NA
EC4560 lec COMMUNICATIONS ECCM	25	25	NA
EC4560 lab COMMUNICATIONS ECCM	25	25	NA
EC4570 lec DECISION & EST THEORY	25	25	NA
EC4580 lec INFORMATION THEORY	25	25	NA
EC4590 lec COMM SATELLITE SYST	25	25	NA
EC4600 lec ADV ELECTROMAG THEORY	25	25	NA
EC4610 lec RADAR SYSTEMS	25	25	NA
EC4610 lab RADAR SYSTEMS	25	25	NA
EC4620 lec RADAR SYSTEMS	25	25	NA
EC4620 lab RADAR SYSTEMS	25	25	NA
EC4660 lec HIGH FREQ TECHNIQUES	25	25	NA
EC4670 lec ELECTRONIC WARFARE	25	25	NA
EC4670 lab ELECTRONIC WARFARE	25	25	NA
EC4680 lec ELEX WARFARE TECH&SYS	25	25	NA
EC4680 lab ELEX WARFARE TECH&SYS	25	25	NA
EC4690 lec PRINC ELECT WARFARE	25	25	NA
EC4690 lab PRINC ELECT WARFARE	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4800 lec ADV TOP IN COMP ARCHI	25	25	NA
EC4810 lec FAULT TOLERANT COMPTR	25	25	NA
EC4810 lab FAULT TOLERANT COMPTR	25	25	NA
EC4820 lec ADV COMPTR ARCHITECTU	25	25	NA
EC4820 lab ADV COMPTR ARCHITECTU	25	25	NA
EC4820 lec COMPTR ARCHITECTURES	25	25	NA
EC4820 lab COMPTR ARCHITECTURES	25	25	NA
EC4830 lec DIGITAL COMP DESIGN	25	25	NA
EC4830 lab DIGITAL COMP DESIGN	25	25	NA
EC4850 lec COMP COMM METHODS	25	25	NA
EC4870 lec VLSI SYSTEMS DESIGN	25	25	NA
EC4870 lab VLSI SYSTEMS DESIGN	25	25	NA
EC4900 lec ADA ENGINEERING APPLI	1	4	NA
EC4900 lab ACOUSTIC SIGNAL LOCAL	1	4	NA
EC4900 lec ADV UNIX PROGRAMMING	1	4	NA
EC4900 lab ACOUSTIC SIGNAL PROCE	1	4	NA
EC4900 lec ADV VLSI DESIGN	1	4	NA
EC4900 lab ANALOG VLSI	1	4	NA
EC4900 lab DITHER SIGNALS APPL	1	4	NA
EC4900 lec CLASS. & ARCHIRING	1	4	NA
EC4900 lab FUND OF GAAS DESIGN	1	4	NA
EC4900 lec COMPUTER SECURITY	1	4	NA
EC4900 lab MULTI DIMEN DIGIT SIG	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lec CYCLIC SPECTRUM ANALY	1	4	NA
EC4900 lab NETWORK PROGRAMMING	1	4	NA
EC4900 lec DGS ALGORITHM	1	4	NA
EC4900 lab SPEAKER RECOGNITION	1	4	NA
EC4900 lec LINK ENHANC DIST SYS	1	4	NA
EC4900 lab SPECIAL TOPICS IN EE	1	4	NA
EC4900 lec MICROWAVE CIRCUITS	1	4	NA
EC4900 lab ACC REV ELECTROMGNETI	1	4	NA
EC4900 lec MODEL OF DYNAMIC SYST	1	4	NA
EC4900 lab ADV DIGITAL IC DESIGN	1	4	NA
EC4900 lec RISC MICRO ARCHITECTU	1	4	NA
EC4900 lab ADVANCED VLSI DESIGN	1	4	NA
EC4900 lec SPECIAL TOPICS IN EE	1	4	NA
EC4900 lab INTEGRATED OPTICS	1	4	NA
EC4900 lec STUDY OF SILICON COMP	1	4	NA
EC4900 lab MICROWAVE CIRCUITS	1	4	NA
EC4900 lec VIRTUAL REAL LAB VIEW	1	4	NA
EC4900 lab RAD HARD MICRO SPACE	1	4	NA
EC4900 lec ADV DIGITAL IC DESIGN	1	4	NA
EC4900 lab SONAR RANGE ENHANCEME	1	4	NA
EC4900 lec ADV VSLI DESIGN	1	4	NA
EC4900 lab SPEC TOP IN SIGNAL PR	1	4	NA
EC4900 lec APP BACK PROPAGATION	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lab VIRTUAL REAL LAB VIEW	1	4	NA
EC4900 lec ARMA MODEL TRANSIENT	1	4	NA
EC4900 lec DIRECTION FIND TECHNI	1	4	NA
EC4900 lab COMPUTER SECURITY14NA			
EC4900 lec DITHER SIGNALS APPL	1	4	NA
EC4900 lab SPECIAL TOPICS IN EE	1	4	NA
EC4900 lec JAMMING ON RADAR PERF	1	4	NA
EC4900 lab STUDY OF SILICON COMP	1	4	NA
EC4900 lec LUX PRED ALGORITHMS	1	4	NA
EC4900 lab ADA ENGINEERING APPLI	1	4	NA
EC4900 lec MULTIRESOLUTION SIGNA	1	4	NA
EC4900 lab ADV TEST LAYOUT VLSI	1	4	NA
EC4900 lec NETWORK SECURITY	1	4	NA
EC4900 lab ADV UNIX PROGRAMMING	1	4	NA
EC4900 lec NEURAL NET/FUZZY INTE	1	4	NA
EC4900 lab ADV VLSI DESIGN	1	4	NA
EC4900 lec NOISE IMPACTS ON COMM	1	4	NA
EC4900 lab ADV VSLI DESIGN	1	4	NA
EC4900 lec RADAR PERFORMANCE	1	4	NA
EC4900 lab ADVANCED SLSI DESIGN	1	4	NA
EC4900 lec SCI & ATM VIDEO MULTI	1	4	NA
EC4900 lab CACHE MEMORY BEHAVIOR	1	4	NA
EC4900 lec SIGNALS INTELLIGENCE	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lab CLASS. & ARCHIRING	1	4	NA
EC4900 lec SIMULATED ANNEALINGS	1	4	NA
EC4900 lab DGS ALGORITHM	1	4	NA
EC4900 lec SONAR RANGE ENHANCEME	1	4	NA
EC4900 lab FILE ARCHIVING AND PA	1	4	NA
EC4900 lec SPEAKER RECOGNITION	1	4	NA
EC4900 lab LINK ENHANC DIST SYS	1	4	NA
EC4900 lec SPEC TOP IN ELEC ENGR	1	4	NA
EC4900 lab NETWORK SECURITY	1	4	NA
EC4900 lec SPEC TOP IN SIGNAL PR	1	4	NA
EC4900 lab NEURAL NET/FUZZY INTE	1	4	NA
EC4900 lec SPECIAL TOPICS IN EE	1	4	NA
EC4900 lab RISC MICRO ARCHITECTU	1	4	NA
EC4900 lec STUDY OF CRYPTOGRAPHY	1	4	NA
EC4900 lab SIMULATED ANNEALINGS	1	4	NA
EC4900 lec TCP/IP PROTOCOLS	1	4	NA
EC4900 lab STUDY OF CRYPTOGRAPHY	1	4	NA
EC4900 lec TOOLS FAULT TOLERANT	1	4	NA
EC4900 lab ADV VLSI LAYOUT & DES	1	4	NA
EC4900 lec UHF SATELLITE CHANNEL	1	4	NA
EC4900 lab ADVANCED VSLI DESIGN	1	4	NA
EC4900 lec VLSI IMPLEMENTATION	1	4	NA
EC4900 lab VLSI IMPLEMENTATION	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lec WAVELET TRANSFORMS	1	4	NA
EC4900 lec ACOUSTIC SIGNAL LOCAL	1	4	NA
EC4900 lec ACOUSTIC SIGNAL PROCE	1	4	NA
EC4900 lec ADV FOURIER ANALYSIS	1	4	NA
EC4900 lec ADV TEST LAYOUT VLSI	1	4	NA
EC4900 lec ADV VLSI DESIGN	1	4	NA
EC4900 lec ADV VLSI LAYOUT & DES	1	4	NA
EC4900 lec ADVANCED SLSI DESIGN	1	4	NA
EC4900 lec ADVANCED VSLI DESIGN	1	4	NA
EC4900 lec ANALOG VLSI	1	4	NA
EC4900 lec CMPILE TECH GRAIN DAT	1	4	NA
EC4900 lec COMM SATELLITE SYS EN	1	4	NA
EC4900 lec COMPILERS DISTR COMPU	1	4	NA
EC4900 lec DIGITAL SIGPROL TECH	1	4	NA
EC4900 lec DISC WAVELET TRANSFOR	1	4	NA
EC4900 lec ELECTRIC MACHINE SIMU	1	4	NA
EC4900 lec ELECTRO MECHANICAL MA	1	4	NA
EC4900 lec FUND OF GAAS DESIGN	1	4	NA
EC4900 lec FUZZY LOGIC VECT QUAN	1	4	NA
EC4900 lec GAL ARS DIG INTEG CIR	1	4	NA
EC4900 lec GRP MEMBRSHP PROTOCOL	1	4	NA
EC4900 lec INTEGRATED OPTICS	1	4	NA
EC4900 lec LUX ILLUM ANALYSIS	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lec MODERN CTRL THEORY	1	4	NA
EC4900 lec MULTI DIMEN DIGIT SIG	1	4	NA
EC4900 lec PARABOLIC APPROXIMATI	1	4	NA
EC4900 lec RAD HARD MICRO SPACE	1	4	NA
EC4900 lec RADAR SIGNAL PROCESSI	1	4	NA
EC4900 lec RELA OF C3I APPS TO C	1	4	NA
EC4900 lec SIGNAL MODELLING	1	4	NA
EC4900 lec SPEC TOP IN ELEC ENGR	1	4	NA
EC4900 lec SPECIAL TOPICS IN EE	1	4	NA
EC4900 lec SPREAD SPECTRUM SYNCH	1	4	NA
EC4900 lec TROPOSPHERIC PROPAGAT	1	4	NA
EC4900 lec TURBULENCE IN ATMOSPH	1	4	NA
EC4900 lec ULTRA WIDEBAND RADAR	1	4	NA
EC4900 lec ACC REV ELECTROMGNETI	1	4	NA
EC4900 lec BANDPASS SIG SAMPLING	1	4	NA
EC4900 lec CACHE MEMORY BEHAVIOR	1	4	NA
EC4900 lec DATA COMP CODE COMM	25	25	NA
EC4900 lec LINK ENHANC NETWORK	1	4	NA
EC4900 lec MODER AND DIGIT CONTR	1	4	NA
EC4900 lec NAVAL POWER SYSTEM	1	4	NA
EC4900 lec NETWORK PROGRAMMING	1	4	NA
EC4900 lec NONLINEAR CTRL SYS	1	4	NA
EC4900 lec ROUTE FLOW CTRL ATM	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4900 lec SOLID STATE PWR CONVE	1	4	NA
EC4900 lec SPECIAL TOPICS IN EE	1	4	NA
EC4900 lec TROPOSPHER WAVE PROPA	1	4	NA
EC4900 lec ADVANCED VLSI DESIGN	1	4	NA
EC4910 lec ADVANCED TOPICS IN EE	1	4	NA
EC4910 lab SPACE POWER	1	4	NA
EC4910 lec APP METH MATCH LOAD	1	4	NA
EC4910 lab ROBUST MULTVAR CONTRO	1	4	NA
EC4910 lec KF APPLICATIONS	1	4	NA
EC4910 lab UAV/RPV	1	4	NA
EC4910 lec ROBUST MULTVAR CONTRO	1	4	NA
EC4910 lec SPACE POWER	1	4	NA
EC4910 lec WDM FOBER OPTIC NTWKS	1	4	NA
EC4910 lec SPECTOPICS CTRL THEOR	1	4	NA
EC4910 lec THERMAL IMAGING TEMP	1	4	NA
EC4910 lec DATA COMP MOBILE COMM	1	4	NA
EC4920 lec SPECIAL TOPICS IN EE	1	4	NA
EC4920 lec TRELLIS CODED MODULAT	1	4	NA
EC4920 lec OPTICAL ENGINEERING	25	25	NA
EC4940 lec SPECIAL TOPICS IN EE	25	25	NA
EC4940 lab SPECIAL TOPICS IN EE	25	25	NA
EC4950 lec SPECIAL TOPICS IN EE	25	25	NA
EC4960 lec SPECIAL TOPICS IN EE	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EC4960 lab SPECIAL TOPICS IN EE	25	25	NA
EC4960 lec SPECIAL TOPICS IN EE	25	25	NA
EC4970 lec RADAR SIGNAL PROCESSI	25	25	NA
EC4970 lab SPECIAL TOPICS IN EE	25	25	NA
EC4970 lec SPECIAL TOPICS IN EE	1	4	NA
EC4980 lec SPECIAL TOPICS IN EE	25	25	NA
EC4980 lab SPECIAL TOPICS IN EE	1	4	NA
EC4980 lec SPECIAL TOPICS IN EE	1	4	NA
EC4990 lec ESM RECEIVERS	1	4	NA
EC4990 lab SPECIAL TOPICS IN EE	1	4	NA
EC4990 lec SPECIAL TOPICS IN EE	1	4	NA
EC4990 lec RADAR SIGNAL PROCESSI2525NA			
EC4990 lec TOPS IN RADAR SIG PRO	1	4	NA
EC4991 lec ULTRA WIDEBAND RADAR	25	25	NA
EO2710 lec INTRO TO SIGNAL& SYS	25	25	NA
EO2710 lab INTRO TO SIGNAL& SYS	25	25	NA
EO2720 lec INTRO TO ELEC SYSTEMS	25	25	NA
EO2720 lab INTRO TO ELEC SYSTEMS	25	25	NA
EO2740 lec INTRO TO LINEAR SYSTM	25	25	NA
EO2740 lab INTRO TO LINEAR SYSTM	25	25	NA
EO2750 lec COMMO SYSTEMS	25	25	NA
EO2750 lab COMMO SYSTEMS	25	25	NA
EO2760 lec INTRO TO FILEDS, WAVE	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EO2770 lec ELECTROMAGNETIC ENGRG	25	25	NA
EO2770 lab ELECTROMAGNETIC ENGRG	25	25	NA
EO2790 lec SURVEY OF COMM SYSTEM	25	25	NA
EO3512 lec COMMUN&COUNTERMEASURE	25	25	NA
EO3512 lab COMMUN&COUNTERMEASURE	25	25	NA
EO3720 lec ANALY RANDOM SIGNALS	25	25	NA
EO3720 lab ANALY RANDOM SIGNALS	25	25	NA
EO3740 lec SPACE POWER & RADIATI	25	25	NA
EO3740 lab SPACE POWER & RADIATI	25	25	NA
EO3750 lec COMM SYSTEM ANALYSIS	25	25	NA
EO3760 lec ELECTROMAG RADIATION	25	25	NA
EO3760 lab ELECTROMAG RADIATION	25	25	NA
EO3780 lec ELEC WARFARE,COMPUTER	25	25	NA
EO3780 lab ELEC WARFARE,COMPUTER	25	25	NA
EO3816 lec COMP ARCH MILITARY AP	25	25	NA
EO4730 lec ELECTRO-OPTIC SYS/CNT	25	25	NA
EO4730 lab ELECTRO-OPTIC SYS/CNT	25	25	NA
EO4760 lec MICROWAVE DEV & RADAR	25	25	NA
EO4760 lab MICROWAVE DEV & RADAR	25	25	NA
EO4780 lec ELEX WARFARE SYSTEMS	25	25	NA
EO4780 lab ELEX WARFARE SYSTEMS	25	25	NA
EO4790 lab UAV/RPF	25	25	NA
EW0002 lab SEMINAR	150	150	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
EW0810 lab THESIS RESEARCH	0	0	NA
EW4910 lec CON & APPL IN SPACE E	25	25	NA
IS0001 lab SEM FOR COMP SYS MGMT	700	700	NA
IS0123 lab COMPUTER SKILLS DEV	15	15	NA
IS0810 lab THESIS RESEARCH	0	0	NA
IS2000 lec INTRO TO COMPUTER MGT	25	25	NA
IS2000 lab INTRO TO COMPUTER MGT	25	25	NA
IS3020 lec SOFWARE DESIGN	25	25	NA
IS3020 lab SOFWARE DESIGN	25	25	NA
IS3170 lec ECON EVAL INFO SYS I	25	25	NA
IS3171 lec ECON EVAL INFO SYS II	25	25	NA
IS3183 lec MGMT INFO SYSTEMS	25	25	NA
IS3502 lec CMPTR NETWORKS: WA/LA	25	25	NA
IS3503 lec MICROCOMPUTER NETWORK	25	25	NA
IS3503 lab MICROCOMPUTER NETWORK	25	25	NA
IS4182 lec INFO SYSTS MGMT	25	25	NA
IS4183 lec APPL OF DATABASE MGT	25	25	NA
IS4183 lab APPL OF DATABASE MGT	25	25	NA
IS4184 lec INFO RESOURCE MGMT	25	25	NA
IS4185 lec DECISION SUPPORT SYST	25	25	NA
IS4185 lab DECISION SUPPORT SYST	25	25	NA
IS4200 lec SYST ANALY & DESIGN	25	25	NA
IS4300 lec SOFTWARE ENGRG & MGMT	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
IS4320 lec DBASE & INFORM RES C3	25	25	NA
IS4502 lec TELECOMMUNICATIONS NE	25	25	NA
IS4800 lec IMPLEM ANDREW TOOLKIT	1	4	NA
IS4800 lab ADV TOP IN DATA MODEL	1	4	NA
IS4800 lec DIR STUD ADV INFO SYS	1	4	NA
IS4800 lab DIR STUD ADV INFO SYS	1	4	NA
IS4800 lec MULTIMEDIA INFO DESIG	1	4	NA
IS4800 lab EVAL ACADEMIC RESOURC	1	4	NA
IS4800 lec OPTICAL INFO SYSTEMS	1	4	NA
IS4800 lab MULTIMEDIA INFO DESIG	1	4	NA
IS4800 lec REFINE	1	4	NA
IS4800 lec SYS ANALY & DESIGN	1	4	NA
IS4800 lec SYS DEVEL USING AI	1	4	NA
IS4800 lec ADV INFO SYS	1	4	NA
IS4800 lec ADV TOP IN DATA MODEL	1	4	NA
IS4800 lec ADV WIRE LOCAL NETWOR	1	4	NA
IS4800 lec APPL THEILS INEQ TEST	1	4	NA
IS4800 lec ARTIFICIAL INTELLIGEN	1	4	NA
IS4800 lec BUSINESS PROCESS REEN	1	4	NA
IS4800 lec CALS RESEARCH	1	4	NA
IS4800 lec CHANGE IMPLEMENTATION	1	4	NA
IS4800 lec COMP SUPT COLLABORATI	1	4	NA
IS4800 lec COST BENEFIT ANL ADP	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
IS4800 lec DBASE PROJECT	1	4	NA
IS4800 lec DIR STUD ADV INFO SYS	1	4	NA
IS4800 lec DIR STUD INFO TECHNOL	1	4	NA
IS4800 lec DOD DOCUMENTATION	1	4	NA
IS4800 lec DYN DEC SYS SIM IN C	1	4	NA
IS4800 lec DYNAMIC DECISION SYS	1	4	NA
IS4800 lec ECON TECH INFO SYSTEM	1	4	NA
IS4800 lec EMBEDDED COMP SYSTEMS	1	4	NA
IS4800 lec EVAL ACADEMIC RESOURC	1	4	NA
IS4800 lec EVAL OF UNIX O.S.	1	4	NA
IS4800 lec EXPERT SYS DEVELOPMEN	1	4	NA
IS4800 lec FOCUS GRP RES. FOR MU	1	4	NA
IS4800 lec GENETIC PROGRAMMING	1	4	NA
IS4800 lec GEOGRAPHIC INFO SYSTE	1	4	NA
IS4800 lec GRAPH USER INTER DESI	1	4	NA
IS4800 lec GROUP DECISION SUP SY	1	4	NA
IS4800 lec HEALTHCARE PLAN MODEL	1	4	NA
IS4800 lec INFO SYS DEV COUNTRIE	1	4	NA
IS4800 lec MEASURING PRODUCTIVIT	1	4	NA
IS4800 lec MILITARY SATCOM ISSUE	1	4	NA
IS4800 lec MULTI MEDIA CD ROM	1	4	NA
IS4800 lec MULTIMEDIA	1	4	NA
IS4800 lec PROCESS REDESIGN	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
IS4800 lec PROG IN EXPERT SYS	1	4	NA
IS4800 lec REQUIREMENTS TRACEABL	1	4	NA
IS4800 lec SEMANTIC ISSUES HETER	1	4	NA
IS4800 lec SEMINAR IN INFO SYS	1	4	NA
IS4800 lec SPEC ADV DBASE APP DE	1	4	NA
IS4800 lec TCP/IP GOSIP TRANSITI	1	4	NA
IS4800 lec WINDOWS TOOLKIT PROGR	1	4	NA
IS4800 lec WIRELESS MOBILE COMMU	1	4	NA
IS4925 lec MULTIMEDIA AUTHORING	1	4	NA
IS4925 lab INTRO TO COMP MGMT	1	4	NA
IS4925 lec INTRO TO COMP MGMT	1	4	NA
IS4925 lab MULTIMEDIA AUTHORING	1	4	NA
IS4925 lec ADV STUDY EXP SYS	1	4	NA
IS4925 lec EVAL DOD SOFTWARE SYS	1	4	NA
IS4925 lec MIS IN DOD	1	4	NA
IS4925 lec NETWORK TECH HYPERTAT	1	4	NA
IS4925 lec SEMINAR INFO SYS	1	4	NA
IS4925 lec SEMINAR INFO SYSTEMS	1	4	NA
IT1500 lec AMERICAN LIFE & INST	25	25	NA
MA0117 lec REFRESHER MATH	25	25	NA
MA0117 lab REFRESHER MATH	25	25	NA
MA0118 lec REFRESHER MATH	25	25	NA
MA0118 lab REFRESHER MATH	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MA0125 lec LOGIC & SET THEORY	25	25	NA
MA0142 lec RFRSHR: MATRIX ALGEBR	25	25	NA
MA0810+ lab THESIS RESEARCH	0	0	NA
MA1042 lec MATRIX ALGEBRA	25	25	NA
MA1117 lec SINGLE VARIABLE CALC	25	25	NA
MA1117 lab SINGLE VARIABLE CALC	25	25	NA
MA1118 lec MULTIVARIABLE CALC	25	25	NA
MA1118 lab MULTIVARIABLE CALC	25	25	NA
MA1248 lec APPL MATH C3,SS,COM	25	25	NA
MA1248 lab APPL MATH C3,SS,COM	25	25	NA
MA2025 lec BRIDGE TO ADV MATH	25	25	NA
MA2025 lab BRIDGE TO ADV MATH	25	25	NA
MA2049 lec VECTOR ANALYSIS	25	25	NA
MA2121 lec DIFFERENTIAL EQUATION	25	25	NA
MA2138 lec TOP CALC & DIFF EQNS	25	25	NA
MA2300 lec MATH FOR MANAGEMENT	25	25	NA
MA3026 lec DISCRETE MATH	25	25	NA
MA3042 lec LINEAR ALGEBRA	25	25	NA
MA3046 lec MATRX & COMP LNR ALGE	25	25	NA
MA3046 lab MATRX & COMP LNR ALGE	25	25	NA
MA3110 lec INTERMED ANALYSIS	25	25	NA
MA3132 lec PART DIFF EQ INT TRAN	25	25	NA
MA3139 lec FOURIER ANALY,DIFF EQ	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MA3232 lec NUMERICAL ANALYSIS	25	25	NA
MA3232 lab NUMERICAL ANALYSIS	25	25	NA
MA3243 lec NUM METH PAR DIFF EQ	25	25	NA
MA3243 lab NUM METH PAR DIFF EQ	25	25	NA
MA3393 lec TOPICS IN APPLIED MAT	25	25	NA
MA3400 lec MATH MODELING PROCESS	25	25	NA
MA3560 lec MODERN APPLIED ALGEBR	25	25	NA
MA3605 lec FUND OF ANALYSIS I	25	25	NA
MA3606 lec FUND OF ANALYSIS II	25	25	NA
MA3610 lec INTRO, GEN TOPOLOGY	25	25	NA
MA3675 lec COMPLEX VARIABLE I	25	25	NA
MA3676 lec COMPLEX VARIABLE II	25	25	NA
MA3730 lec NUMERICAL COMPUTATION	25	25	NA
MA4026 lec COMBINATORIAL MATHEMA	25	25	NA
MA4027 lec GRAPH THEORY & APPLIC	25	25	NA
MA4103 lec THESIS TOPICS SEMINAR	25	25	NA
MA4230 lec NUMRCL FUNCTIONAL ANA	25	25	NA
MA4237 lec ADV TOP IN NUM ANALYS	25	25	NA
MA4237 lab ADV TOPICS, NUM ANALY	25	25	NA
MA4237 lec ADV TOPICS, NUM ANALY	25	25	NA
MA4237 lec ADV TOPICS, NUM ANALY	25	25	NA
MA4243 lec NUMERICAL SOL DIFF PR	25	25	NA
MA4243 lab NUMERICAL SOL DIFF PR	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MA4245 lec FINITE ELEMENT METHOD	25	25	NA
MA4248 lec MATRIX COMPUTATIONS	25	25	NA
MA4248 lab MATRIX COMPUTATIONS	25	25	NA
MA4261 lec PARALLEL SCIEN COMPUT	25	25	NA
MA4261 lab PARALLEL SCIEN COMPUT	25	25	NA
MA4303 lec REGRESSION ANALYSIS	25	25	NA
MA4311 lec CALCULUS OF VARIATION	25	25	NA
MA4322 lec PRIN & TECH APLD MATH	25	25	NA
MA4323 lec PRIN & TECH APL MATHI	25	25	NA
MA4362 lec ORBITAL MECHANICS	25	25	NA
MA4372 lec INTEGRAL TRANSFORMS	25	25	NA
MA4391 lec ANL METH, FLUID DYN	25	25	NA
MA4392 lec NUM METH,FLUID DYN	1	4	NA
MA4393 lec MULTIGRID,LEVEL METHO	1	4	NA
MA4393 lab SCIENT SFTWRE COMPUTA	1	4	NA
MA4393 lec ELAS & BEAM VIBRATION	1	4	NA
MA4393 lab TOPICS, APPL MATH	1	4	NA
MA4393 lec FOURIER ANL & TRANSF	1	4	NA
MA4393 lab MULTIGRID,LEVEL METHO	1	4	NA
MA4393 lec SCIENT SFTWRE COMPUTA	1	4	NA
MA4393 lec SEMINAR IN CHAOS	1	4	NA
MA4393 lec TENSOR ANALYSIS	1	4	NA
MA4393 lec TOPICS, APPL MATH	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MA4560 lec CODING & INFO THEORY	25	25	NA
MA4565 lec MODERN ADV ALGEBRA	25	25	NA
MA4570 lec CRYPTOGRAPHY	25	25	NA
MA4593 lec TOPICS IN ALGEBRA	25	25	NA
MA4595 lec FAST SIG ALGORITHMS	25	25	NA
MA4620 lec THEORY OF ORD DIFF EQ	25	25	NA
MA4635 lec REAL VARIABLES I	25	25	NA
MA4636 lec REAL VARIABLES II	25	25	NA
MA4693 lec SPECIAL FUNCTIONS	1	4	NA
MA4693 lec TOPICS IN ANALYSIS	1	4	NA
ME0810+ lab THESIS RESEARCH	0	0	NA
ME0951 lab SEMINARS	100	100	NA
ME1000 lec PREP, PROF ENG REGIST	25	25	NA
ME2101 lec ENGRG THERMODYNAMICS	25	25	NA
ME2101 lab ENGRG THERMODYNAMICS	25	25	NA
ME2201 lec INTRO,FLUID MECHANICS	25	25	NA
ME2201 lab INTRO,FLUID MECHANICS	25	25	NA
ME2301 lec INTRO NAVAL ARCHITECT	25	25	NA
ME2301 lab INTRO NAVAL ARCHITECT	25	25	NA
ME2440 lec DIGITAL COMP ENGR TOO	25	25	NA
ME2441 lab ENGRG COMPUTATION LAB	25	25	NA
ME2501 lec STATICS	25	25	NA
ME2502 lec DYNAMICS	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
ME2502 lab DYNAMICS	25	25	NA
ME2601 lec MECHANICS OF SOLIDS	25	25	NA
ME2601 lab MECHANICS OF SOLIDS	25	25	NA
ME2801 lec INTRO ENGR SYS DYNAMI	25	25	NA
ME2801 lab INTRO ENGR SYS DYNAMI	25	25	NA
ME3150 lec HEAT TRANSFER	25	25	NA
ME3150 lab HEAT TRANSFER	25	25	NA
ME3150 lab HEAT TRANSFER	25	25	NA
ME3201 lec INTERMED FLUID MECH	25	25	NA
ME3201 lab INTERMED FLUID MECH	25	25	NA
ME3220 lec STEAM PWR,REFRIG,TURB	25	25	NA
ME3220 lab STEAM PWR,REFRIG,TURB	25	25	NA
ME3240 lec GAS TURBINE PLANTS	25	25	NA
ME3241 lab POWER PLANTS LAB	25	25	NA
ME3410 lec MECH ENG & INST MEASU	25	25	NA
ME3410 lab MECH ENG & INST MEASU	25	25	NA
ME3440 lec ENGINEERING ANALYSIS	25	25	NA
ME3521 lec MECHANICAL VIBRATION	25	25	NA
ME3521 lab MECHANICAL VIBRATION	25	25	NA
ME3611 lec MECHANICS OF SOLIDS I	25	25	NA
ME3711 lec DESIGN, MACHINE ELEMT	25	25	NA
ME3711 lab DESIGN, MACHINE ELEMT	25	25	NA
ME3801 lec LINEAR CONTROL SYSTEM	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
ME3802 lab CONTROLS LABORATORY	25	25	NA
ME4160 lec APPL OF HEAT TRANSFER	25	25	NA
ME4161 lec CONDUCTION HEAT TRANS	25	25	NA
ME4162 lec CONVECTION HEAT TRANS	25	25	NA
ME4163 lec RADIATION HEAT TRANSF	25	25	NA
ME4211 lec HYDRODYNAMICS	25	25	NA
ME4220 lec VISCOUS FLOW	25	25	NA
ME4522 lec VIBRATION,NOISE,SHOCK	25	25	NA
ME4525 lec SHOCK DESIGN & ANALYS	25	25	NA
ME4550 lec RANDOM VIBRATIONS	25	25	NA
ME4550 lab RANDOM VIBRATIONS	25	25	NA
ME4612 lec ADV MECH OF SOLIDS	25	25	NA
ME4613 lec FINITE ELEMENT METHOD	25	25	NA
ME4620 lec THEORY, CONT MEDIA	25	25	NA
ME4721 lec MARINE VEHICLE DESIGN	25	25	NA
ME4721 lab MARINE VEHICLE DESIGN	25	25	NA
ME4722 lec MARINE ENGRG DESIGN	25	25	NA
ME4722 lab MARINE ENGRG DESIGN	25	25	NA
ME4731 lec ENGRG DES OPTIMIZATIO	25	25	NA
ME4811 lec MODERN CONTROL SYSTEM	25	25	NA
ME4811 lab MODERN CONTROL SYSTEM	25	25	NA
ME4812 lec FLUID POWER CONTROL	25	25	NA
ME4813 lab FLUID POWER LAB	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
ME4821 lec ADVANCED DYNAMICS	25	25	NA
ME4821 lab ADVANCED DYNAMICS	25	25	NA
ME4823 lec DYNAMICS OF MARINE VE	25	25	NA
ME4902 lec ADV TOP IN HYDRODYNAM	1	4	NA
ME4902 lec NAV SHIP SHOCK DES AN	1	4	NA
MN0001 lab SEM ADMIN SCI	1200	1200	NA
MN0810+ lab THESIS RESEARCH	0	0	NA
MN2031 lec ECON DECISION MAKING	25	25	NA
MN2039 lec QUANTI METHO ECON ANA	25	25	NA
MN2111 lab MNPWR PERS & TRNG I	25	25	NA
MN2112 lab MNPWR PERS & TRNG II	25	25	NA
MN2113 lab MNPWR PERS & TRNG III	25	25	NA
MN2150 lec FINANCIAL ACCTNG	25	25	NA
MN2155 lec ACCOUNTING FOR MGMT	25	25	NA
MN2302 lab ACQUISITN & CONTRACTN	25	25	NA
MN2303 lab SEMINAR FOR PROGRM MG	25	25	NA
MN2998 lec MACRO ECONOMICS	25	25	NA
MN3105 lec ORGANIZATION & MGT	25	25	NA
MN3111 lec PERS MGMT PROCESSES	25	25	NA
MN3140 lec MICROECONOMIC THEORY	25	25	NA
MN3154 lec FIN MGMT, ARMED FORCE	25	25	NA
MN3161 lec MANAG ACCOUNTING	25	25	NA
MN3161 lec MANAGERIAL ACCTG	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MN3172 lec PUB POLICY PROCESSES	25	25	NA
MN3301 lec SYS ACQSN & MGMT	25	25	NA
MN3303 lec ACQUISITION, CONTRACT	25	25	NA
MN3304 lec CONTRACT PRICING & NE	25	25	NA
MN3304 lab CONTRACT PRICING & NE	25	25	NA
MN3305 lec CONTRACT ADMIN	25	25	NA
MN3307 lec ADP ACQUISITION	25	25	NA
MN3312 lec CONTRACT LAW	25	25	NA
MN3333 lec MANAGERIAL COMM SKILL	25	25	NA
MN3334 lab MGNRL COM LAB FOR INT	25	25	NA
MN3371 lec CONTRACTS MGMT & ADMI	25	25	NA
MN3372 lec MATERIAL LOGISTICS	25	25	NA
MN3373 lec TRANSPORTATION MGMT I	25	25	NA
MN3374 lec PRODUCTION MANAGEMENT	25	25	NA
MN3375 lec MAT'L HANDLING SYSTEM	25	25	NA
MN3377 lec INVENTORY MGMT	25	25	NA
MN3760 lec MANPOWER ECONOMICS I	25	25	NA
MN3805 lec TQL & THE MILITARY	25	25	NA
MN3900 lec READING IN ADMIN SCI	25	25	NA
MN3900 lec READINGS IN UNIT COST	25	25	NA
MN3900 lec THE STRATEGIS PROCESS	25	25	NA
MN3902 lab MPT COMP SKILLS ENHAN	25	25	NA
MN4105 lec MANAGEMENT POLICY	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MN4106 lec MAN/PER POLICY ANALY	25	25	NA
MN4110 lec MULTIV MPR DATA ANL	25	25	NA
MN4110 lab MULTIV MPR DATA ANL	25	25	NA
MN4111 lec MULTIV MPR DATA ANALI	25	25	NA
MN4111 lab MULTIV MPR DATA ANALI	25	25	NA
MN4115 lec TRAINING FUNDATION/MG	25	25	NA
MN4119 lec SEM,MANPOWER ANALYSIS	25	25	NA
MN4119 lab SEM,MANPOWER ANALYSIS	25	25	NA
MN4122 lec PLANNING,CONTROL,EVAL	25	25	NA
MN4125 lec CHANGE IN COMPLEX ORG	25	25	NA
MN4127 lec ORGANIZATIONAL THEORY	25	25	NA
MN4145 lec POLICY ANALYSIS	25	25	NA
MN4151 lec CONTROL AND AUDITING	25	25	NA
MN4152 lec CORP FINANCIAL MANAGM	25	25	NA
MN4153 lec SEM, FINANCIAL MGMT	25	25	NA
MN4159 lec FINAN REPTG & ANALYSI	25	25	NA
MN4161 lec FINANCIAL CONTROL SYS	25	25	NA
MN4162 lec COST ACCOUNTING	25	25	NA
MN4163 lec TECHNIQUES,FIN CONTRO	25	25	NA
MN4301 lec CONTRACTING MAJOR SYS	25	25	NA
MN4302 lec PUB EXPEND/POL & ANL	25	25	NA
MN4305 lec DEF TECHNOLOGY POLICY	25	25	NA
MN4307 lec PGM MGT POLICY/CONTRO	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MN4310 lec LOGISTICS ENGINEERING	25	25	NA
MN4371 lec ACQUIS & CONTR POLICY	25	25	NA
MN4372 lec ACQ MGMT SOFTWRE	1	4	NA
MN4372 lec ADV READ ADM SCIENCE	1	4	NA
MN4372 lec READINGS IN ADMIN SCI	1	4	NA
MN4372 lec SEM,ACQUSN/CONTR MGMT	25	25	NA
MN4373 lec TRANSPORT MGMT II	25	25	NA
MN4376 lec DEFENSE TRANS SYSTEM	25	25	NA
MN4377 lec TQM/TQL:PHILOSPHY	25	25	NA
MN4377 lec TQM\L	25	25	NA
MN4650 lec MILITARY HEALTH CARE	25	25	NA
MN4761 lec APPLIED MANPOWER ANL	25	25	NA
MN4900 lec WRITING WORKSHOP	1	4	NA
MN4900 lab TOTAL QUALITY LEADERS	1	4	NA
MN4900 lec CHANGE THEORY	1	4	NA
MN4900 lec CON ADMIN MGMT	1	4	NA
MN4900 lec READ TOTL QUAL LEADER	1	4	NA
MN4900 lec READINGS IN ADMIN SCI	1	4	NA
MN4900 lec READINGS IN TQL	1	4	NA
MN4900 lec FOCUS ON TQL	1	4	NA
MN4900 lec GENETIC ALGORITHMS	1	4	NA
MN4900 lec GENETIC PROGRAMMING	1	4	NA
MN4900 lec READINGS IN ADMIN SCI	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MN4900 lec TOTAL QUALITY LEADERS	1	4	NA
MN4900 lec BUSINESS REDESIGN	1	4	NA
MN4900 lec CASE ANALYSIS	1	4	NA
MN4900 lec CASE STUDY	1	4	NA
MN4900 lec COMPUTER SECURITY	1	4	NA
MN4900 lec COST ESTIMATION	1	4	NA
MN4900 lec EMPOWRMENT MODEL APPL	1	4	NA
MN4900 lec I.S. ARCHITECTURES	1	4	NA
MN4900 lec INTEGRATED CASE	1	4	NA
MN4900 lec MARKETING PUBLIC SECT	1	4	NA
MN4900 lec MICROECONOMICS RESEAR	1	4	NA
MN4900 lec ORGANIZATION LEARNING	1	4	NA
MN4900 lec PERF MANAGEMENT	1	4	NA
MN4900 lec READ IN ADM SCIENCE	1	4	NA
MN4900 lec READINGS IN ADMIN SCI	1	4	NA
MN4900 lec SEM ON MANPOWER MARKE	1	4	NA
MN4900 lec SOFTWARE TRACEABILITY	1	4	NA
MN4900 lec STRATEGIC MOVEMENT	1	4	NA
MN4900 lec TQM\TQL (MN4377)	1	4	NA
MN4900 lec WIRELESS LAN'S	1	4	NA
MN4970 lec SEM, ADMIN SCIENCES	1	4	NA
MN4970 lec GEN STUDY THESIS SEMI	1	4	NA
MN4970 lec SEM, ADMIN SCIENCES	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MN4970 lec SOCIOTECHNICAL SYSTEM	1	4	NA
MN4970 lec STRATEGIC MANAGEMENT	1	4	NA
MN4970 lec US INDUST POLICY	1	4	NA
MR0210 lec REF INTRO METEOROLOGY	25	25	NA
MR0210 lab REF INTRO METEOROLOGY	25	25	NA
MR0810 lab THESIS RESEARCH	25	25	NA
MR0999 lec SEM IN METEOROLOGY	25	25	NA
MR2020 lec COMPUTER/AIR-OCEAN SC	25	25	NA
MR2020 lab COMPUTER/AIR-OCEAN SC	25	25	NA
MR2210 lec INTRO TO METEOROL/LAB	25	25	NA
MR2210 lab INTRO TO METEOROL/LAB	25	25	NA
MR2413 lec METEOROL, ANTISUB WAR	25	25	NA
MR2413 lab METEOROL, ANTISUB WAR	25	25	NA
MR2416 lec METEOROL, ELEC WARFAR	25	25	NA
MR2419 lec ATMOSPHERIC FACTOR C3	25	25	NA
MR3140 lec PROB/STATS AIR OCEAN	25	25	NA
MR3140 lab PROB/STATS AIR OCEAN	25	25	NA
MR3150 lec ANALY AIR-OCEAN TIME	25	25	NA
MR3150 lab ANALY AIR-OCEAN TIME	25	25	NA
MR3222 lec METEOR ANALYSIS LAB	25	25	NA
MR3222 lab METEOR ANALYSIS LAB	25	25	NA
MR3234 lec TROPOS&STRATOS METEOR	25	25	NA
MR3234 lab TROPOS&STRATOS METEOR	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MR3250 lec TROPICAL METEOROLOGY	25	25	NA
MR3252 lec TROPICAL METEOROL/LAB	25	25	NA
MR3252 lab TROPICAL METEOROL/LAB	25	25	NA
MR3260 lec OP ATMOSPH PREDICTION	25	25	NA
MR3262 lec OP ATMOSPH PREDIC/LAB	25	25	NA
MR3262 lab OP ATMOSPH PREDIC/LAB	25	25	NA
MR3321 lec AIR-OCEAN FLUID DYNAM	25	25	NA
MR3480 lec ATMOS & RADIATIVE PRO	25	25	NA
MR3480 lab ATMOS & RADIATIVE PRO	25	25	NA
MR3522 lec SENSG ATMOS/OCEAN LAB	25	25	NA
MR3522 lab SENSG ATMOS/OCEAN LAB	25	25	NA
MR4241 lec MESOSCALE METEOROLOGY	25	25	NA
MR4242 lec ADV TROPICAL METEOROL	25	25	NA
MR4322 lec DYNAMIC METEOROLOGY	25	25	NA
MR4323 lec NUM AIR/OCEAN MODELIN	25	25	NA
MR4323 lab NUM AIR/OCEAN MODELIN	25	25	NA
MR4413 lec AIR/SEA INTERACTION	25	25	NA
MR4413 lab AIR/SEA INTERACTION	25	25	NA
MR4414 lec ADV AIR/SEA INTERACTN	25	25	NA
MR4416 lec ELEC&OPTICAL PROPAGAT	25	25	NA
MR4520 lec TOP, SATELLITE SENSIN	25	25	NA
MR4800 lec ADV TOPICS IN METEOR	25	25	NA
MR4900 lec READINGS IN VISUALIZA	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MR4900 lec SPEC TOPIC METEOROLOG	1	4	NA
MR4900 lec ATMOSPHERIC MODELING	1	4	NA
MR4900 lec MARINE BOUNDARY LAYER	1	4	NA
MR4900 lec MIXED-LAYER MODELING	1	4	NA
MR4900 lec MTRY BAY WINDS CURREN	1	4	NA
MR4900 lec OCEAN RESPON TO ATMOS	1	4	NA
MR4900 lec POLAR LOWS	1	4	NA
MR4900 lec RAPID CYCLOGENISES	1	4	NA
MR4900 lec REFRAGATIVE ASSESSMEN	1	4	NA
MR4900 lec SATELLITE IMAGERY	1	4	NA
MR4900 lec SPEC TOPIC METEOROLOG	1	4	NA
MR4900 lec SURFACE REMOTE SENSIN	1	4	NA
MR4900 lec THESIS READING	1	4	NA
MR4900 lec TROP WAVES DISTURBANC	1	4	NA
MS2201 lec ENGRG MATERIALS	25	25	NA
MS2201 lab ENGRG MATERIALS	25	25	NA
MS3201 lec MATERIALS SCI & ENGRG	25	25	NA
MS3201 lab MATERIALS SCI & ENGRG	25	25	NA
MS3202 lec FAILURE ANALY&PREVENT	25	25	NA
MS3202 lab FAILURE ANALY&PREVENT	25	25	NA
MS3214 lec INT MATERIAL SCI & EN	25	25	NA
MS3304 lec CORROSION,MARINE ENVR	25	25	NA
MS3304 lab CORROSION,MARINE ENVR	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
MS3606 lec JOINING METALLURGY	25	25	NA
MS3606 lab JOINING METALLURGY	25	25	NA
MS4215 lec PHASE TRANSFORMATIONS	25	25	NA
MS4215 lab PHASE TRANSFORMATIONS	25	25	NA
MS4312 lec ADV MTD MATRL CHRACTE	25	25	NA
MS4312 lab ADV MTD MATRL CHRACTE	25	25	NA
MS4811 lec MECH BEHAVIOR,ENG MAT	25	25	NA
MS4822 lec COMPOSITE MATERIALS	25	25	NA
NS0810+ lab THESIS RESEARCH	0	0	NA
NS2060 lec GAMING/SIMULATION LAB	25	25	NA
NS2060 lab GAMING/SIMULATION LAB	25	25	NA
NS3000 lec MILT HIST:WAR MOD WRL	25	25	NA
NS3011 lec POL ANLY&RES METH ARE	25	25	NA
NS3011 lab POL ANLY&RES METH ARE	25	25	NA
NS3012* lec FRCSTNG&RES METH ST P	25	25	NA
NS3012* lab FRCSTNG&RES METH ST P	25	25	NA
NS3012* lec GAMING&SIMU STRAT PLA	25	25	NA
NS3012* lab GAMING&SIMU STRAT PLA	25	25	NA
NS3013 lec FORCSTNG FOR STRAT PL	25	25	NA
NS3013 lab FORCSTNG FOR STRAT PL	25	25	NA
NS3023* lec INT'L REL & COMP POLI	25	25	NA
NS3023* lec INTRO COMPARTIVE POLI	25	25	NA
NS3024 lec INTRO INT'L RELATIONS	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS3030 lec AMER NATL SEC POLICY	25	25	NA
NS3035 lec U.S. FOREIGN POLICY	25	25	NA
NS3036 lec MIL & POL IN THE WORL	25	25	NA
NS3037 lec CONGRESS IN NATL POLC	25	25	NA
NS3038 lec INTL POWER & POLICY	25	25	NA
NS3040 lec POLITICS, ECON RELATN	25	25	NA
NS3041 lec COMPARATIVE ECON SYST	25	25	NA
NS3079 lec COLLECTIVE SECURITY	1	4	NA
NS3079 lec CONGRESS	1	4	NA
NS3079 lec DIRECTED STUDIES NSA	1	4	NA
NS3079 lec ECON US DEFENSE POLIC	1	4	NA
NS3079 lec EUROPEAN SEC INSTITUT	1	4	NA
NS3079 lec MIL THOUGHT PAST/PRES	1	4	NA
NS3079 lec MODERN UKRAINE	1	4	NA
NS3079 lec NAVAL ORIENTATION	1	4	NA
NS3079 lec POLI SOCI OF FRENCH N	1	4	NA
NS3150 lec SCI & TECH OF INTEL	25	25	NA
NS3151 lec INTELLIGENCE SYSTEMS	25	25	NA
NS3152 lec NAV WAR/THREAT ENVIRO	25	25	NA
NS3154 lec INTEL & THE MILITARY	25	25	NA
NS3159 lec PRNCPL OPRTNL INTLGNC	25	25	NA
NS3230 lec STRATEGIC PLANNING	25	25	NA
NS3250 lec ECON OF U.S. DEFENSE	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS3252 lec JOINT&MARITIME STRG P	25	25	NA
NS3279 lec DIRECTED STUDIES NSA	1	4	NA
NS3279 lec INDIAN POLITICS	1	4	NA
NS3279 lec POL DEV OF INDIA	1	4	NA
NS3279 lec THE PRESS AND MILITAR	1	4	NA
NS3279 lec US PROP EFF ON HOMEFR	1	4	NA
NS3279 lec US STRAT NEW WORLD OR	1	4	NA
NS3279 lec WAR THEORY NUCLEAR WA	1	4	NA
NS3280 lec NUC STRAT/NAT SECURIT	1	4	NA
NS3280 lec NUC WEAPS/FOREIGN POL	25	25	NA
NS3300 lec FOUND-MID EAST POLITI	25	25	NA
NS3300 lec HIST & CULT MID EAST	25	25	NA
NS3310 lec PROBS GOVT,MIDDLE EAS	25	25	NA
NS3320 lec INTL REL, MIDDLE EAST	25	25	NA
NS3360 lec NO AFRICA, PROBS GOVT	25	25	NA
NS3361 lec PROBS GOV/SEC ISRAEL	25	25	NA
NS3362 lec INTL&SEC PROB,ARAB PE	25	25	NA
NS3400 lec RUSSIA, E EUROPE, ASI	25	25	NA
NS3400* lec RUSSIA,E EUROPE,ASIA	25	25	NA
NS3400* lec SOV NATL SEC POLICY	25	25	NA
NS3401 lec PEOPLE USSR&EASTEUROP	25	25	NA
NS3410* lec SOVIET NATL SECURITY	25	25	NA
NS3410* lec WLD AFFAIRS:RUSS,EURO	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS3450* lec MIL STRAT RUS EUR ASI	25	25	NA
NS3450* lec SOVIET MIL STRATEGY	25	25	NA
NS3460 lec GOV&SECRTY:EAST EUROP	25	25	NA
NS3501 lec HIST/CULT LATIN AMER	25	25	NA
NS3510 lec GOVT/SEC LATIN AMER	25	25	NA
NS3520 lec INT REL/SEC LATIN AME	25	25	NA
NS3600 lec GEOG,HIST,CULTURE-ASI	25	25	NA
NS3601 lec GEOG/HIST/CULT/SE.ASI	25	25	NA
NS3620 lec INT CONFL ASIA TO WWI	25	25	NA
NS3661 lec PROBS, GOVT/SEC, CHIN	25	25	NA
NS3662 lec PROBS CONTEMP JAPAN	25	25	NA
NS3663 lec PROBS GOVT/SEC, KOREA	25	25	NA
NS3667 lec PROB GOVT IN ASIA	25	25	NA
NS3700 lec HISTORY, EUROPE&RUSSI	25	25	NA
NS3701 lec EUROPE-USSR POST-1917	25	25	NA
NS3710 lec PROBS GOVT&SEC EUROPE	25	25	NA
NS3720 lec NO ATLANTIC ALLIANCE2525NA			
NS3765 lec PROB GOV/SEC NATO FLN	25	25	NA
NS3800 lec THEORYPRACTICE SOC RE	25	25	NA
NS3801 lec INT'L TERRIORISM	25	25	NA
NS3880 lec HIST SPECIAL OPERATIO	25	25	NA
NS3881 lec MID-LEVEL CONFLICT	25	25	NA
NS3900 lec INTL ORGS,NEGOTIATION	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS3902 lec POLITICAL TERRORISM	25	25	NA
NS3950 lec SEM ARMS CON & NAT SE	25	25	NA
NS4030* lec COMP STRATEGIC CULTUR	1	4	NA
NS4030* lec SPEC TOP NAT SEC POLI	25	25	NA
NS4031 lec CURRENT ISSUES IN NSA	25	25	NA
NS4079 lec IMPACT NAVY WHT PAPER	1	4	NA
NS4079 lec STRAT PLAN HIER PROCE	1	4	NA
NS4079 lec ADV DIR STUDIES: NSA	25	25	NA
NS4079 lec ADV TOPICS RUSSIAN SE	1	4	NA
NS4079 lec AIRPWR LOW INTENSE CO	1	4	NA
NS4079 lec ARAB-ISRAELI CONFLICT	1	4	NA
NS4079 lec COAL MULTILATERAL OPE	1	4	NA
NS4079 lec COMMON MARKET ANALYSI	1	4	NA
NS4079 lec DOM PARADIGM CHANGE	1	4	NA
NS4079 lec GERMAN SECURITY	1	4	NA
NS4079 lec GOV/POL IN LATIN AMER	1	4	NA
NS4079 lec INTER TERRORISM	1	4	NA
NS4079 lec LEAD & POLIT IN SINGA	1	4	NA
NS4079 lec MODERN UKRAINE	1	4	NA
NS4079 lec NAT SEC ENVIRNMTL LIN	1	4	NA
NS4079 lec OVERSEAS CHINESE ASIA	1	4	NA
NS4079 lec POL THEORY 21ST CENTU	1	4	NA
NS4079 lec POL/SOCIETY RACISM	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS4079 lec PROB GOV, SEC IN CHIN	1	4	NA
NS4079 lec PROB LATIN AMERICA	1	4	NA
NS4079 lec PROB OF SEC GOV IN IS	1	4	NA
NS4079 lec SECURITY PROB LATIN A	1	4	NA
NS4079 lec SEM LATIN AMERICA GOV	1	4	NA
NS4079 lec SOUTH ASIA	1	4	NA
NS4079 lec SOUTH ASIA FOREIGN PO	1	4	NA
NS4079 lec THE PROB OF CYPRUS	1	4	NA
NS4079 lec US RELATIONS W MOD SE	1	4	NA
NS4079 lec WORLDWDE TRENDS PIRAC	1	4	NA
NS4080 lec RESEARCH COLLOQUIUM	25	25	NA
NS4152 lec PROB INTL/THREAT ANL	25	25	NA
NS4159 lec SEMINR:TOPS OPS INTEL	25	25	NA
NS4179 lec EVOL OF SOVIET NAVY W	25	25	NA
NS4200 lec SEM NATIONAL INTEREST	25	25	NA
NS4230 lec SEM STRATEGIC PLANNIN	25	25	NA
NS4250 lec SEC ASST, ARMS TRANSF	25	25	NA
NS4251 lec SEMINAR NET ASSESSMEN	25	25	NA
NS4253 lec TECH & STRATEGICPLNG	25	25	NA
NS4261 lec SURVEY, STRAT STUDIES	25	25	NA
NS4279 lec AMERICAN VALUES	1	4	NA
NS4279 lec COUNTER-NARCOTICS POL	1	4	NA
NS4279 lec IDEOLOGY AND STRATEGY	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
NS4279 lec SINOAFRICAN RELATIONS	1	4	NA
NS4280 lec NUCLEAR STRATEGY&DETE	25	25	NA
NS4300 lec SEM IN MIDLEASTERN CI	25	25	NA
NS4310 lec SEC PROB MID EAST	25	25	NA
NS4410* lec SEM: SECUR RUS EUR AS	25	25	NA
NS4410* lec SEM: SOVIET SECUR PRO	25	25	NA
NS4451 lec ADV TOPICS/SOV NAV AF	25	25	NA
NS4500 lec SEM NATIONAL INTEREST	25	25	NA
NS4510 lec SEM GVNT POL,LATIN AM	25	25	NA
NS4560 lec INT SEC PROB LAT AMER	25	25	NA
NS4660 lec ASIA & SOVIET UNION	25	25	NA
NS4690 lec PROBS ASIA & OCEANS	25	25	NA
NS4710 lec POL/SEC PROB EUROPE	25	25	NA
NS4720* lec SEM, SOVIET-EUROPE RE	25	25	NA
NS4720* lec SEM: EURO SECURITY IS	25	25	NA
NS4830 lec LIC SEMINAR, MID EAST	25	25	NA
NS4850 lec ADV SEM:LATIN AMERICA	25	25	NA
NS4860 lec SEMINARLOW INTEN: ASI	25	25	NA
NS4900 lec SEM INTL NEGOTIATIONS	25	25	NA
NS4902 lec SEM REVOLUTION/TERROR	25	25	NA
OA0001 lab SEM OA STUDENTS	700	700	NA
OA0200 lec INTRO COMP METH/OR	25	25	NA
OA0200 lab INTRO COMP METH/OR	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OA0810+ lab THESIS RESEARCH	0	0	NA
OA2200 lec COMPUTN METH,OPS RESI	25	25	NA
OA2200 lab COMPUTN METH,OPS RESI	25	25	NA
OA2900 lec WORKSHOP IN OR/SA	25	25	NA
OA2900 lec WORKSHOP IN OR/SA	25	25	NA
OA2910 lec SEL TOPICS IN OA	25	25	NA
OA3101 lec PROBABILITY	25	25	NA
OA3101 lab PROBABILITY	25	25	NA
OA3102 lec PROBABILITY/STATISTIC	25	25	NA
OA3102 lab PROBABILITY/STATISTIC	25	25	NA
OA3103 lec STATISTICS	25	25	NA
OA3103 lab STATISTICS	25	25	NA
OA3104 lec DATA ANALYSIS	25	25	NA
OA3104 lab DATA ANALYSIS	25	25	NA
OA3105 lec NONPARAMETIC STATS	25	25	NA
OA3200 lec COMP METHODS FOR OR I	25	25	NA
OA3200 lab COMP METHODS FOR OR I	25	25	NA
OA3200 lec COMP METHODS FOR OR I	25	25	NA
OA3201 lec LINEAR PROGRAMMING	25	25	NA
OA3201 lab LINEAR PROGRAMMING	25	25	NA
OA3301 lec STOCHASTIC MODELS I	25	25	NA
OA3302 lec SYSTEM SIMULATION	25	25	NA
OA3401 lec HUMAN FACT, SYS DES I	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OA3402 lec HUMAN FACTORS:SYST DE	25	25	NA
OA3501 lec INVENTORY I	25	25	NA
OA3601 lec COMBAT MODELS & GAMES	25	25	NA
OA3602 lec SEARCH THEORY, DETECT	25	25	NA
OA3610 lec INTRO NAVAL LOGISTICS	25	25	NA
OA3900 lec INTRO SYS ANALYSIS	25	25	NA
OA3900 lec WORKSHOP IN OR/SA	25	25	NA
OA3900 lec WORKSHOP IN OR/SA	25	25	NA
OA3910 lec DECOD METH CONF MATR	25	25	NA
OA4101 lec DESIGN OF EXPERIMENTS	25	25	NA
OA4101 lab DESIGN OF EXPERIMENTS	25	25	NA
OA4102 lec REGRESSION MODELS	25	25	NA
OA4201 lec NONLINEAR & DYN PROGM	25	25	NA
OA4202 lec NETWORK FLOWS, GRAPHS	25	25	NA
OA4203 lec MATH PROGRAMMING	25	25	NA
OA4204 lec GAMES OF STRATEGY	25	25	NA
OA4301 lec STOCHASTIC MODELS II	25	25	NA
OA4301 lab STOCHASTIC MODELS II	25	25	NA
OA4302 lec RELIABLTY WEAPON SYST	25	25	NA
OA4303 lec QUALITY ASSURANCE	25	25	NA
OA4304 lec DECISION THEORY	25	25	NA
OA4305 lec STOCHASTIC MODELS III	25	25	NA
OA4308 lec TIME SERIES ANALYSIS	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

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CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OA4333 lec SIMULATION METHODOLOG	25	25	NA
OA4401 lec HUMAN PERFORM EVAL	25	25	NA
OA4501 lec SEMINAR, SUPPLY SYST	25	25	NA
OA4601 lec MODLS FOR DECIS MAKIN	25	25	NA
OA4601 lab MODLS FOR DECIS MAKIN	25	25	NA
OA4602 lec CAMPAIGN ANALYSIS	25	25	NA
OA4603 lec TEST AND EVALUATION	25	25	NA
OA4603 lab TEST AND EVALUATION	25	25	NA
OA4604 lec WAR GAMING ANALYSIS	25	25	NA
OA4605 lec OPNS RES, NAV WARFARE	25	25	NA
OA4607 lec TACTICAL DES & ANALY	25	25	NA
OA4607 lab TACTICAL DES & ANALY	25	25	NA
OA4611 lec LOGISTIC NAVAL WARFAR	25	25	NA
OA4612 lec LOGISTICS	25	25	NA
OA4654 lec AIRLAND COMBAT MDLS I	25	25	NA
OA4655 lec AIRLAND COMBAT MDLS I	25	25	NA
OA4701 lec ECONOMETRICS	25	25	NA
OA4702 lec COST ESTIMATION	25	25	NA
OA4704* lec MANPOWER & PERSONNEL	1	4	NA
OA4704* lec MANPOWER PLANNING	1	4	NA
OA4704* lec TECH IN MANPOWER MODE	1	4	NA
OA4910 lec MIN COS ANALYSIS CONF	1	4	NA
OA4910 lab SKILLED OPERATOR PERF	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OA4910 lec SEL TOPIC IN OPS ANL @	1	4	NA
OA4910 lab TEST AND EVALUATION	1	4	NA
OA4910 lec SKILLED OPERATOR PERF	1	4	NA
OA4910 lec TEST AND EVALUATION	1	4	NA
OA4910 lec WARGAMING ANALYSIS	1	4	NA
OA4910 lec FUT THEATER LEV MODEL	1	4	NA
OA4910 lec HUMAN PERFORMANCE EVA	1	4	NA
OA4910 lec THEORY OF SYS ANALYS	1	4	NA
OA4930 lec ADV TOPICS SIMULATION	1	4	NA
OA4930 lab READING OPER ANALYSIS	1	4	NA
OA4930 lec CATEGORICAL DATA ANL	1	4	NA
OA4930 lec DESIGN USER INTERFACE	1	4	NA
OA4930 lec FUZZY SET THEORY	1	4	NA
OA4930 lec IMPLEMENT OPTIMIZATIO	1	4	NA
OA4930 lec READING OPER ANALYSIS	1	4	NA
OC0810 lab THESIS RESEARCH	0	0	NA
OC0999 lec SEMINAR OCEANOGRAPHY	25	25	NA
OC2001 lec OCEAN SYSTEMS	25	25	NA
OC2020 lec COMPTR COMP AIR/OC SC	25	25	NA
OC2020 lab COMPTR COMP AIR/OC SC	25	25	NA
OC3120 lec BIOGEOCHEM PROC, OCEA	25	25	NA
OC3120 lab BIOGEOCHEM PROC, OCEA	25	25	NA
OC3140 lec PROB/STATS AIR OCEAN	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OC3140 lab PROB/STATS AIR OCEAN	25	25	NA
OC3150 lec ANALY AIR-OCEAN TIME	25	25	NA
OC3150 lab ANALY AIR-OCEAN TIME	25	25	NA
OC3212 lec POLAR METEOR/OCEANO	25	25	NA
OC3230 lec DESC PHYSICAL OCEANOG	25	25	NA
OC3230 lab DESC PHYSICAL OCEANOG	25	25	NA
OC3240 lec OCEAN CIRCULATION	25	25	NA
OC3240 lab OCEAN CIRCULATION	25	25	NA
OC3260 lec SOUND IN THE OCEAN	25	25	NA
OC3261 lec OCEANIC FACTORS SOUND	25	25	NA
OC3261 lab OCEANIC FACTORS SOUND	25	25	NA
OC3266 lec ACOUSTIC FORECASTING	25	25	NA
OC3266 lab ACOUSTIC FORECASTING	25	25	NA
OC3266 lec ACOUSTIC FORECASTING	25	25	NA
OC3321 lec AIR-OCEAN FLUID DYNAM	25	25	NA
OC3522 lec SENSG ATMOS&OCEAN/LAB	25	25	NA
OC3522 lab SENSG ATMOS&OCEAN/LAB	25	25	NA
OC3570 lec OP OCEANO & MET	25	25	NA
OC3570 lab OP OCEANO & MET	25	25	NA
OC3570 lec OPER OCEANOGRAPHY	25	25	NA
OC3570 lab OPER OCEANOGRAPHY	25	25	NA
OC3903 lec EL SURVEYING & NAVIGA	25	25	NA
OC4211 lec DYNAMICAL OCEANOGRAPH	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

UIC: 62271

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OC4213 lec NEARSHORE/WAVE PROCES	25	25	NA
OC4213 lab NEARSHORE/WAVE PROCES	25	25	NA
OC4220 lec COSTAL OCEANOGRAPHY	25	25	NA
OC4220 lab COSTAL OCEANOGRAPHY	25	25	NA
OC4230 lec PHY OCEAN MONTEREY BA	25	25	NA
OC4262 lec THEORIES & MODELS	25	25	NA
OC4267 lec INFLUENCES, ACOUSTICS	25	25	NA
OC4267 lab INFLUENCES, ACOUSTICS	25	25	NA
OC4323 lec NUM AIR&OCEAN MODELIN	25	25	NA
OC4323 lab NUM AIR&OCEAN MODELIN	25	25	NA
OC4331 lec SYNOP/MESOSCALE OCEAN	25	25	NA
OC4413 lec AIR-SEA INTERACTION	25	25	NA
OC4413 lab AIR-SEA INTERACTION	25	25	NA
OC4414 lec ADV AIR-SEA INTERACTN	25	25	NA
OC4490 lec OCEAN ACOU TOMOGRAPHY	25	25	NA
OC4520 lec TOP, SATELLITE SENSIN	25	25	NA
OC4800 lec OCEAN PRO IN GULF CAL	1	4	NA
OC4800 lab OCEAN PRO IN GULF CAL	1	4	NA
OC4800 lab ADV TOPICS IN OCEANOG	1	4	NA
OC4800 lab HORIZ PRESS GRADIENTS	1	4	NA
OC4900 lec PHYSICAL OCEAN TOPICS	1	4	NA
OC4900 lab RAY/MODE TOMOGRAPHY	1	4	NA
OC4900 lec SHALLOW WATER ASW	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

UIC: 62271

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OC4900 lec SPEC TOP OCEANOGRAPHY	1	4	NA
OC4900 lec GRAVITY AND GEOID	1	4	NA
OC4900 lec SATELLITE NAVIGATION	1	4	NA
OC4900 lec TIDAL ANALY OF ADCP D	1	4	NA
OC4900 lec ACOUSTIC PROP & TOMOG	1	4	NA
OC4900 lec ADV NEAR SHORE PROCES	1	4	NA
OC4900 lec AIR/OCEAN CONVECTION	1	4	NA
OC4900 lec ANTARCTIC OCEAN DYNAM	1	4	NA
OC4900 lec AVHRR DATA CIRCULATIO	1	4	NA
OC4900 lec CAL CURRENT SYSTEM	1	4	NA
OC4900 lec DEEP CONVECTION	1	4	NA
OC4900 lec DISPERSN & DIFFUSION	1	4	NA
OC4900 lec EASTERN BOUND CURRENT	1	4	NA
OC4900 lec ENERGETICS SEDI TRANS	1	4	NA
OC4900 lec GLOBAL OCEAN DYNAMICS	1	4	NA
OC4900 lec OCEAN CONVECTION	1	4	NA
OC4900 lec OCEAN PREDICTION	1	4	NA
OC4900 lec POLAR OCEANOGRAPHY	1	4	NA
OC4900 lec REMOTE SENSING	1	4	NA
OC4900 lec RIP CURRENTS	1	4	NA
OC4900 lec SEDIMENT DYNAMICS	1	4	NA
OC4900 lec SEDIMENT DYNAMICS II	1	4	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

UIC: 62271

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OC4900 lec THERMAL EX/DEEP WATER	1	4	NA
OC4900 lec THESIS READING	1	4	NA
OC4900 lec TROPICAL OCEANOGRAPHY	1	4	NA
OC4900 lec USE OF SUBS IN OCEANO	1	4	NA
OC4900 lec VARIAB OF UPPER OCEAN	1	4	NA
OS2102 lec APP PROBABILITY FOR E	25	25	NA
OS2102 lab APP PROBABILITY FOR E	25	25	NA
OS2103 lec APPL PROBAB SYST TECH	25	25	NA
OS2103 lab APPL PROBAB SYST TECH	25	25	NA
OS3001 lec OPNS RES FOR COMP SCI	25	25	NA
OS3002 lec O.R. FOR NAVAL INTEL	25	25	NA
OS3003 lec O.R. FOR ELECT WARFAR	25	25	NA
OS3004 lec OR FOR COMP SYST MGRS	25	25	NA
OS3006 lec OPNS RESEARCH FOR MGM	25	25	NA
OS3008 lec ANALYTICAL PLANNING	25	25	NA
OS3101 lec STAT ANALYSIS FOR MGM	25	25	NA
OS3101 lab STAT ANALYSIS FOR MGM	25	25	NA
OS3104 lec STATISTICS, SCI & ENG	25	25	NA
OS3302 lec QUALITY ASSUR/RELIABL	25	25	NA
OS3303 lec COMPUTER SIMULATION	25	25	NA
OS3303 lab COMPUTER SIMULATION	25	25	NA
OS3402 lec HUMAN VIGILANCE PERF	25	25	NA
OS3402 lab HUMAN VIGILANCE PERF	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
OS3404 lec MAN-MACHINE INTERACTN	25	25	NA
OS3404 lab MAN-MACHINE INTERACTN	25	25	NA
OS3601 lec SEARCH, DETECT MODELS	25	25	NA
OS3602 lec MODELS OF ASW C3 PRCS	25	25	NA
OS3603 lec SIMULATION/WAR GAMING	25	25	NA
OS3603 lab SIMULATION/WAR GAMING	25	25	NA
OS3604 lec DECISION/DATA ANALYSI	25	25	NA
OS4601 lec TEST AND EVALUATION	25	25	NA
OS4701 lec MANPOWER & PERS MODEL	25	25	NA
PH0110 lec REFRESHER PHYSICS	25	25	NA
PH0110 lab REFRESHER PHYSICS	25	25	NA
PH0499 lab ACOUSTICS COLLOQ	25	25	NA
PH0810+ lab THESIS RESEARCH	0	0	NA
PH0999 lab PHYSICS COLLOQ	150	150	NA
PH1121 lec BASIC PHYSICS I-MECH	25	25	NA
PH1121 lab BASIC PHYSICS I-MECH	25	25	NA
PH1322 lec BASIC PHYS II-ELEC	25	25	NA
PH1322 lab BASIC PHYS II-ELEC	25	25	NA
PH1322 lec BASIC PHYS II-ELEC	25	25	NA
PH2001 lec PHYSICS THESIS OPPOR	25	25	NA
PH2012 lec PHYSICS LABORATORY I	25	25	NA
PH2012 lab PHYSICS LABORATORY I	25	25	NA
PH2013 lec PHYSICS LABORATORY II	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH2013 lab PHYSICS LABORATORY II	25	25	NA
PH2014 lec PHYSICS LABORATORY II	25	25	NA
PH2014 lab PHYSICS LABORATORY II	25	25	NA
PH2119 lec OSCILLATIONS AND WAVE	25	25	NA
PH2119 lab OSCILLATIONS AND WAVE	25	25	NA
PH2151 lec MECH I - PARTICLE MEC	25	25	NA
PH2151 lab MECH I - PARTICLE MEC	25	25	NA
PH2170 lec ANALYTICAL MECHANICS	25	25	NA
PH2203 lec WAVES & OPTICS2525NA			
PH2207 lec FUND,ELECTRO-OPTICS	25	25	NA
PH2223 lec BASIC PHYS III:OPTICS	25	25	NA
PH2223 lab BASIC PHYS III:OPTICS	25	25	NA
PH2351 lec ELECTROMAGNETISM	25	25	NA
PH2351 lab ELECTROMAGNETISM	25	25	NA
PH2401 lec INTRO, SONAR EQUATION	25	25	NA
PH2410 lec ANALOG ELEX & SIG CON	25	25	NA
PH2410 lab ANALOG ELEX & SIG CON	25	25	NA
PH2412 lec DATA ACQUI & ANALYSIS	25	25	NA
PH2412 lab DATA ACQUI & ANALYSIS	25	25	NA
PH2511 lec INTRO TO ORBITAL MECH	25	25	NA
PH2511 lec ORBITAL MECHANICS	25	25	NA
PH2514 lec INTRO: SPACE ENVIRONM	25	25	NA
PH2601 lec SURVEY OF MOD PHYSICS	25	25	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH2601 lab SURVEY OF MOD PHYSICS	25	25	NA
PH2681 lec INTRO:QUANTUM PHYSICS	25	25	NA
PH2724 lec BASIC PHYS IV:THERMO	25	25	NA
PH2911 lec INTRO:COMPTNL PHYSICS	25	25	NA
PH2911 lab INTRO:COMPTNL PHYSICS	25	25	NA
PH2990 lec OSCILLATIONS & WAVES	25	25	NA
PH3002 lec NON-ACOUST SENSOR SYS	25	25	NA
PH3152 lec MECHANICS II, EXT SYS	25	25	NA
PH3152 lab MECHANICS II, EXT SYS	25	25	NA
PH3161 lec FLUID DYNAMICS	25	25	NA
PH3161 lab FLUID DYNAMICS	25	25	NA
PH3171 lec EXPLOSIVES & EXPLOSIO	25	25	NA
PH3208 lec ELEC-OPTIC PRIN & DEV	25	25	NA
PH3208 lab ELEC-OPTIC PRIN & DEV	25	25	NA
PH3252 lec ELECTRO-OPTICS	25	25	NA
PH3292 lec OPTICS&OPTOELECTRONIC	25	25	NA
PH3292 lab OPTICS&OPTOELECTRONIC	25	25	NA
PH3352 lec ELECTROMAGNETIC WAVES	25	25	NA
PH3360 lec ELECTROMAG WAVE PROP	25	25	NA
PH3360 lab ELECTROMAG WAVE PROP	25	25	NA
PH3402 lec UNDERWATER ACOUSTICS	25	25	NA
PH3402 lab UNDERWATER ACOUSTICS	25	25	NA
PH3410 lec FIBER-OPTIC SYS/ACOUS	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

UIC: 62271

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH3410 lab FIBER-OPTIC SYS/ACOUS	25	25	NA
PH3451 lec FUNDAMENTAL ACOUSTICS	25	25	NA
PH3451 lab FUNDAMENTAL ACOUSTICS	25	25	NA
PH3452 lec UNDERWATER ACOUSTICS	25	25	NA
PH3452 lab UNDERWATER ACOUSTICS	25	25	NA
PH3458 lec NOISE,SHOCK,VIBR CTRL	25	25	NA
PH3461 lec EXPLOSIVES&EXPLOSIONS	25	25	NA
PH3479 lec PHYS OF UNDRWTR WPNS	25	25	NA
PH3513 lec INTERMED ORBTL MECH	25	25	NA
PH3513 lec INTERMED ORBTL MECH	25	25	NA
PH3516 lec SPACECRFT ENVR INTRAC	25	25	NA
PH3683 lec INTER QUANTUM PHYSICS	25	25	NA
PH3683 lab INTER QUANTUM PHYSICS	25	25	NA
PH3782 lec THERMODYN STAT PHYSIC	25	25	NA
PH3855 lec NUCLEAR PHYSICS	25	25	NA
PH3855 lab NUCLEAR PHYSICS	25	25	NA
PH3990 lec METH-THEORET PHYSICS	25	25	NA
PH3991 lec PHY OSCILLATION&WAVES	25	25	NA
PH3998 lec CLASSICAL DYNAMICS	1	4	NA
PH3998 lab INTERFEROMETRIC SENSI	1	4	NA
PH3998 lec INTERFEROMETRIC SENSI	1	4	NA
PH3998 lab METH ELASTIC PROP VER	1	4	NA
PH3998 lec INTRO THERMACOUSTICS	1	4	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH3998 lec LOG AND HAMIL MECH	1	4	NA
PH3998 lec THERMO ACOUSTICS III	1	4	NA
PH3998 lec THERMOACOUSTICS	1	4	NA
PH3998 lec TOPICS, INTERMED PHYS	1	4	NA
PH3998 lec RADIATION DEVICES	1	4	NA
PH3998 lec TOPICS, INTERMED PHYS	1	4	NA
PH3998 lec LOCAL SPACECRAFT ENV	1	4	NA
PH3998 lec TOPICS, INTERMED PHYS	1	4	NA
PH3998 lec NONLINEAR DYNAMICS	1	4	NA
PH3998 lec QUANTUM MECH	1	4	NA
PH3998 lec TOPICS, INTERMED PHYS	1	4	NA
PH4054 lec BEAM&LASER WEAPON PHY	25	25	NA
PH4209 lec EO/IR SYS&CNTRMSR	25	25	NA
PH4209 lab EO/IR SYS&CNTRMSR	25	25	NA
PH4253 lec SENSORS,SIGNALS & SYS	25	25	NA
PH4253 lab SENSORS,SIGNALS & SYS	25	25	NA
PH4254 lec THERMAL IMAG SURV SYS	25	25	NA
PH4283 lec LASER PHYSICS	25	25	NA
PH4353 lec TOPICS,ADV ELECTY &MA	25	25	NA
PH4403 lec UNDERWATER ACOUSTICS	25	25	NA
PH4403 lab UNDERWATER ACOUSTICS	25	25	NA
PH4410 lec ADV ACOUSTICS LAB	25	25	NA
PH4410 lab ADV ACOUSTICS LAB	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH4453 lec SCATTERING & FLUCTUAT	25	25	NA
PH4454 lec TRANSDUCER THEORY	25	25	NA
PH4454 lab TRANSDUCER THEORY	25	25	NA
PH4455 lec SOUND PROPAGATN OCEAN	25	25	NA
PH4456 lec SEMINAR,IN UNDWTR SOU	25	25	NA
PH4515 lec SATELLITE ENVIRONMENT	25	25	NA
PH4661 lec PLASMA PHYSICS	25	25	NA
PH4662 lec PLASMA PHYSICS II	25	25	NA
PH4750 lec SOLIDS & RADIATION EF	25	25	NA
PH4771 lec STATISTICAL PHYSICS I	25	25	NA
PH4856 lec PHYSICS NUCLEAR EXPLO	25	25	NA
PH4857 lec RADIATION HYDRO THEOR	25	25	NA
PH4911 lec WEAPONS SYS SIMULATIO	25	25	NA
PH4911 lab WEAPONS SYS SIMULATIO	25	25	NA
PH4972 lec ADV QUANTUM MECHANICS	25	25	NA
PH4973 lec QUANTUM MECH III	25	25	NA
PH4973 lec RELATIVISTIC Q.M.	25	25	NA
PH4984 lec ADV QUANTUM PHYSICS	25	25	NA
PH4991 lec RELATIVITY, COSMOLOGY	25	25	NA
PH4998 lec ADVANCED FEL TOPICS	1	4	NA
PH4998 lab SOUND PROPAGATION	1	4	NA
PH4998 lec ELECTRO-OPTICS	1	4	NA
PH4998 lec PLASMA FORMTIONS INTE	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
PH4998 lec TOPICS, ADV PHYSICS	1	4	NA
PH4998 lec FREE ELECTRON LASER	1	4	NA
PH4998 lec PHYSICS SATELL ENVIRO	1	4	NA
PH4998 lec QUANTUM MECHANICS II	1	4	NA
PH4998 lec STATISTICAL PHYSICS I	1	4	NA
PH4998 lec ADV THERMOACOUSTICS	1	4	NA
PH4998 lec SOUND PROPAGATION	1	4	NA
SE2012 lec APP PHYSICS LAB I	25	25	NA
SE2012 lab APP PHYSICS LAB I	25	25	NA
SE2013 lec APPLIED PHYS LAB II	25	25	NA
SE2013 lab APPLIED PHYS LAB II	25	25	NA
SE2014 lec PHY LABIII:DIGITAL TE	25	25	NA
SE2014 lab PHY LABIII:DIGITAL TE	25	25	NA
SE3015 lec PHY LAB IV:SYS CONTRO	25	25	NA
SE3015 lab PHY LAB IV:SYS CONTRO	25	25	NA
SE3301 lec RADIATING SYSTEMS	25	25	NA
SE4006 lec TECH ASSESS&INTEL SYS	25	25	NA
SE4858 lec NUCLEAR WARFARE ANALY	25	25	NA
SS0810+ lab THESIS RESEARCH	25	25	NA
SS2001 lec MIL OPS IN SPACE I	25	25	NA
SS3001 lec MIL APPLICA SPACE I	25	25	NA
SS3001 lab MIL APPLICA SPACE I	25	25	NA
SS3001 lec MIL APPLICA SPACE I	25	25	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
SS3035 lec MICROPROC SPACE APPLI	25	25	NA
SS3035 lab MICROPROC SPACE APPLI	25	25	NA
SS3525 lec AIR/OC SENSNG OTHR CU	25	25	NA
SS3525 lab AIR/OC SENSNG OTHR CU	25	25	NA
SS3525 lec AIR/OC SENSNG OTHR CU	25	25	NA
SS3900 lec MECH CONTL OF ROBOTIC	1	4	NA
SS3900 lab SPECIAL TOPICS IN SS	1	4	NA
SS3900 lec FERROECLECTRIC MEMORY	1	4	NA
SS3900 lec MUL SOURC CORRELATION	1	4	NA
SS3900 lec NET ARCH SUPP DISSEMI	1	4	NA
SS3900 lec NPECIAL TOPICS IN SS	1	4	NA
SS3900 lec RADAR PROPAGATION STU	1	4	NA
SS3900 lec SIG DETECT GEOLOCATIO	1	4	NA
SS3900 lec SPECIAL TOPICS IN SS	1	4	NA
SS3900 lec SOVIET SPACE	1	4	NA
SS3900 lec TOOLS OF SYS ANALYSIS	1	4	NA
SS4000 lab SPACE SYS SEMINARS	450	450	NA
SS4001 lec DECISIONS & SPACE SYS	25	25	NA
SS4001 lab DECISIONS & SPACE SYS	25	25	NA
SS4900 lec ADV STUDY IN SS	1	4	NA
SS4900 lec NUMERI SOLNS TO EQUAT	1	4	NA
SS4900 lec ADV STUDY IN SS	1	4	NA
SS4900 lec LEO COMMMUNICATION SY	1	4	NA

Mission Requirements (Cont.)
2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
SS4900 lec MULTI SENSOR FUSION	1	4	NA
SS4900 lec SATELLITE REENTRY MOD	1	4	NA
SS4900 lec SEW AND C2W COMPARISO	1	4	NA
SS4900 lec SPACE & ELECT WARFARE	1	4	NA
SS4900 lec SPACE DATA STRUCTURES	1	4	NA
SS4900 lec SATELLITE SYSTEM DESI	1	4	NA
SS4900 lec SPACE DATA STRUCTUREI	1	4	NA
SS4900 lec SPACE WARFR SYS EVAL	25	25	NA
ST0001 lab SEMINAR	150	150	NA
ST0810+ lab THESIS RESEARCH	0	0	NA
TS3000 lec ELECTRICAL POWER ENGR	25	25	NA
TS3000 lab ELECTRICAL POWER ENGR	25	25	NA
TS3001 lec NAVAL ARCHITECTURE	25	25	NA
TS3001 lab NAVAL ARCHITECTURE	25	25	NA
TS3002 lec PRINCIPLES SHIP DESIG	25	25	NA
TS3002 lab PRINCIPLES SHIP DESIG	25	25	NA
TS3003 lec NAVAL COMBAT SYSTEMS	25	25	NA
TS3003 lab NAVAL COMBAT SYSTEMS	25	25	NA
TS3003 lec NAVAL COMBAT SYSTEMS	25	25	NA
TS3005 lec NAVL COMBAT SYST DESI	25	25	NA
TS3006 lec MATRL SELECT NAV APLI	25	25	NA
TS4000 lec NAVAL COMBAT SYS ENGR	25	25	NA
TS4000 lab NAVAL COMBAT SYS ENGR	25	25	NA

Mission Requirements (Cont.)

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2. Course Size (Cont.)

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization Requirement (2001)
TS4001 lec DESIGN NAV ENG SUBSYS	25	25	NA
TS4001 lab DESIGN NAV ENG SUBSYS	25	25	NA
TS4002 lec COMP ADV DSIGN CONCEP	25	25	NA
TS4002 lab COMP ADV DSIGN CONCEP	25	25	NA
TS4002 lec COMP ADV DSIGN CONCEP	25	25	NA
TS4002 lab COMP ADV DSIGN CONCEP	25	25	NA
TS4003 lec TOTAL SHIP DSIGN ENGR	25	25	NA
TS4003 lab TOTAL SHIP DSIGN ENGR	25	25	NA
ASO lec BLUE	50	55	NA
ASO lec GOLD	50	55	NA
ASC lec	33	48	NA
DAU: lec TEST202 TEST & EVAL	25	40	NA
DAU: lec TEST301 TEST & EVAL	25	40	NA
DAU: lec LOG304 LOGISTICS	25	40	NA
DAU: lec SYSENG201 SYS ENG	25	40	NA
DAU: lec SYSEN301 SYS ENG	25	40	NA
PCC: lec U.S. NAVY	35	40	NA
PCC: lec MARINES	35	40	NA
PCC: lec ARMY/NAVY FLAG ITM	20	30	NA

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
DRMC	52	54	N/A
IDMC	52	54	N/A
SIDMC	52	54	N/A
MIDMC	40	48	N/A

3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

Naval Postgraduate School

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE0020 lab AERO ENGR PROG PLNG	43	22	22	22	22	22	22	NA
AE0242 lec THERMODYNAMICS/FLUID	0	11	11	11	11	11	11	NA
AE0261 lec SOLID MECHANICS REFRE	0	15	15	15	15	15	15	NA
AE0810+ lab THESIS RESEARCH	0	200	200	200	200	200	200	NA
AE2015 lec ENGINEERING DYNAMICS	24	25	25	25	25	25	25	NA
AE2015 lab ENGINEERING DYNAMICS	24	25	25	25	25	25	25	NA
AE2021 lec INTRO,FLIGHT STRUCTUR	37	35	35	35	35	35	35	NA
AE2021 lab INTRO,FLIGHT STRUCTUR	37	35	35	35	35	35	35	NA
AE2035 lec BASIC AERODYNAMICS	49	40	40	40	40	40	40	NA
AE2035 lab BASIC AERODYNAMICS	49	40	40	40	40	40	40	NA
AE2036 lec PERFORMANCE, STABILIT	51	39	39	39	39	39	39	NA
AE2036 lab PERFORMANCE, STABILIT	51	39	39	39	39	39	39	NA
AE2042 lec THERMO-FLUID DYNAMICS	57	42	42	42	42	42	42	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE2042 lab THERMO-FLUID DYNAMICS	57	42	42	42	42	42	42	NA
AE2043 lec FUND OF GAS DYNAMICS	87	64	64	64	64	64	64	NA
AE2043 lab FUND OF GAS DYNAMICS	87	64	64	64	64	64	64	NA
AE2339 lec AEROSPACE SYS DYNAMIC	0	30	30	30	30	30	30	NA
AE2339 lab AEROSPACE SYS DYNAMIC	0	30	30	30	30	30	30	NA
AE2440 lec INTRO DIGITAL COMPUTN	80	57	57	57	57	57	57	NA
AE2440 lab INTRO DIGITAL COMPUTN	80	57	57	57	57	57	57	NA
AE2801 lec AERO-LABORATORIES I	24	22	22	22	22	22	22	NA
AE2801 lab AERO-LABORATORIES I	24	22	22	22	22	22	22	NA
AE2820 lec INTRO SPACECRAFT STRU	22	28	28	28	28	28	28	NA
AE2820 lab INTRO SPACECRAFT STRU	22	28	28	28	28	28	28	NA
AE3101 lec FLT VEHICLE STRUC ANA	39	32	32	32	32	32	32	NA
AE3101 lab FLT VEHICLE STRUC ANA	39	32	32	32	32	32	32	NA
AE3202 lec AIRCRAFT STRUC FAILUR	31	32	32	32	32	32	32	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE3202 lab AIRCRAFT STRUC FAILUR	31	32	32	32	32	32	32	NA
AE3250 lec AIRCRAFT SURVIVABILIT	11	10	10	10	10	10	10	NA
AE3251 lec AIRCRAFT COMBAT SURVI	46	54	54	54	54	54	54	NA
AE3251 lab AIRCRAFT COMBAT SURVI	46	54	54	54	54	54	54	NA
AE3276 lec INTRO TO AVIONICS	15	12	12	12	12	12	12	NA
AE3276 lab INTRO TO AVIONICS	15	12	12	12	12	12	12	NA
AE3340 lec LIN VIB&DYNAMIC STAB	46	55	55	55	55	55	55	NA
AE3340 lab LIN VIB&DYNAMIC STAB	46	55	55	55	55	55	55	NA
AE3341 lec CONTROL:AEROSPACE VEH	40	26	26	26	26	26	26	NA
AE3341 lab CONTROL:AEROSPACE VEH	40	26	26	26	26	26	26	NA
AE3402 lec HELICOP STAB CONTROL	0	12	12	12	12	12	12	NA
AE3402 lab HELICOP STAB CONTROL	0	12	12	12	12	12	12	NA
AE3451 lec AIRCRAFT,MISSL PROPUL	44	32	32	32	32	32	32	NA
AE3451 lab AIRCRAFT,MISSL PROPUL	44	32	32	32	32	32	32	NA
AE3501 lec CUR AERODYNAMIC ANALY	44	31	31	31	31	31	31	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE3501 lab CUR AERODYNAMIC ANALY	44	31	31	31	31	31	31	NA
AE3701 lec MISSILE AERODYNAMICS	10	10	10	10	10	10	10	NA
AE3701 lab MISSILE AERODYNAMICS	10	10	10	10	10	10	10	NA
AE3705 lec AIR DEF & LETHALITY	14	14	14	14	14	14	14	NA
AE3705 lab AIR DEF & LETHALITY	14	14	14	14	14	14	14	NA
AE3712 lec SURVEY TACT MISS SYS	0	12	12	12	12	12	12	NA
AE3712 lab SURVEY TACT MISS SYS	0	12	12	12	12	12	12	NA
AE3802 lec ADV AREA INST&TEST FA	43	28	28	28	28	28	28	NA
AE3802 lab ADV AREA INST&TEST FA	43	28	28	28	28	28	28	NA
AE3804 lec THERMAL CONT OF SPCRF	29	25	25	25	25	25	25	NA
AE3811 lec SPACE SYSTEMS LAB	17	18	18	18	18	18	18	NA
AE3811 lab SPACE SYSTEMS LAB	17	18	18	18	18	18	18	NA
AE3815 lec INTRO TO SPCRFT DYNMC	34	27	27	27	27	27	27	NA
AE3815 lab INTRO TO SPCRFT DYNMC	34	27	27	27	27	27	27	NA
AE3850 lec PROP FOR SPACE APPLCT	18	8	8	8	8	8	8	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE3851 lec SPACECRAFT PROPULSION	30	39	39	39	39	39	39	NA
AE3851 lab SPACECRAFT PROPULSION	30	39	39	39	39	39	39	NA
AE3900 lec SPECIAL TOPICS IN AER	1	0	1	1	1	1	1	NA
AE3900 lab AIRCRAFT/MISSLE PROPU	0	1	1	1	1	1	1	NA
AE3900 lec ADA LEATHALITY	0	1	1	1	1	1	1	NA
AE3900 lec AIRCRAFT/MISSLE PROPU	0	1	1	1	1	1	1	NA
AE4000 lec AERO ENGRNG SEMINAR	157	164	164	164	164	164	164	NA
AE4103 lec ADV AIRCRAFT CONST	15	6	6	6	6	6	6	NA
AE4103 lab ADV AIRCRAFT CONST	15	6	6	6	6	6	6	NA
AE4201 lec RELIABLITY ENG & SYST	40	0	40	40	40	40	40	NA
AE4202 lec RELIBLTY COMP MATL	6	0	6	6	6	6	6	NA
AE4202 lab RELIBLTY COMP MATL	6	0	6	6	6	6	6	NA
AE4273 lec AIRCRAFT DESIGN	30	29	29	29	29	29	29	NA
AE4273 lab AIRCRAFT DESIGN	30	29	29	29	29	29	29	NA
AE4276 lec AVIONICS SYSTEM DESIG	14	14	14	14	14	14	14	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4276 lab AVIONICS SYSTEM DESIG	14	14	14	14	14	14	14	NA
AE4304 lec HELICOPTER PERFORMANC	11	12	12	12	12	12	12	NA
AE4304 lab HELICOPTER PERFORMANC	11	12	12	12	12	12	12	NA
AE4306 lec HELICOPTER DESIGN	9	14	14	14	14	14	14	NA
AE4306 lab HELICOPTER DESIGN	9	14	14	14	14	14	14	NA
AE4318 lec AEROELASTICITY	8	8	8	8	8	8	8	NA
AE4323 lec FLIGHT EVAL TECHNIQUE	20	7	7	7	7	7	7	NA
AE4323 lab FLIGHT EVAL TECHNIQUE	20	7	7	7	7	7	7	NA
AE4341 lec CONTROL AEROSP VEHICL	0	16	16	16	16	16	16	NA
AE4341 lab CONTROL AEROSP VEHICL	0	16	16	16	16	16	16	NA
AE4342 lec ADV CONTROL,AEROSP SY	5	11	11	11	11	11	11	NA
AE4342 lab ADV CONTROL,AEROSP SY	5	11	11	11	11	11	11	NA
AE4431 lec AEROTHERMODYNAMICS	4	18	18	18	18	18	18	NA
AE4431 lab AEROTHERMODYNAMICS	4	18	18	18	18	18	18	NA
AE4451 lec AIRCRAFT ENGINE DESIG	0	8	8	8	8	8	8	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4451 lab AIRCRAFT ENGINE DESIG	0	8	8	8	8	8	8	NA
AE4452 lec ROCKET, MISSILE PROPU	17	14	14	14	14	14	14	NA
AE4502 lec HIGH-SPEED AERODYNAM	5	0	5	5	5	5	5	NA
AE4505 lec LASER/PART BEAM TECH	18	2	2	2	2	2	2	NA
AE4505 lab LASER/PART BEAM TECH	18	2	2	2	2	2	2	NA
AE4506 lec RAREFIED GAS DYNAMICS	6	0	6	6	6	6	6	NA
AE4507 lec FLUID DYN & HEAT TRFR	7	7	7	7	7	7	7	NA
AE4507 lab FLUID DYN & HEAT TRFR	7	7	7	7	7	7	7	NA
AE4632 lec COMPUTER METHODS AERO	51	39	39	39	39	39	39	NA
AE4632 lab COMPUTER METHODS AERO	51	39	39	39	39	39	39	NA
AE4641 lec AERONAUT DATA SYSTEMS	20	8	8	8	8	8	8	NA
AE4641 lab AERONAUT DATA SYSTEMS	20	8	8	8	8	8	8	NA
AE4650 lec PARALLEL DISTRIBUTE P	7	0	7	7	7	7	7	NA
AE4703 lec MISSILE STAB & PERFOR	11	10	10	10	10	10	10	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4703 lab MISSILE STAB & PERFOR	11	10	10	10	10	10	10	NA
AE4704 lec MISSILE CONFIG & DSGN	11	14	14	14	14	14	14	NA
AE4704 lab MISSILE CONFIG & DSGN	11	14	14	14	14	14	14	NA
AE4712 lec SURVY OF TACT MISL SY	20	0	20	20	20	20	20	NA
AE4712 lab SURVY OF TACT MISL SY	20	0	20	20	20	20	20	NA
AE4816 lec DYN FLEX SPACE STRUCT	4	14	14	14	14	14	14	NA
AE4818 lec SPCECRFT ATT, DYN&CTR	32	14	14	14	14	14	14	NA
AE4830 lec SPACECRAFT SYSTEMS I	20	24	24	24	24	24	24	NA
AE4830 lab SPACECRAFT SYSTEMS I	20	24	24	24	24	24	24	NA
AE4831 lec SPACECRAFT SYSTEMS II	20	24	24	24	24	24	24	NA
AE4831 lab SPACECRAFT SYSTEMS II	20	24	24	24	24	24	24	NA
AE4844 lec HYPERSONIC FLIGHT	6	6	6	6	6	6	6	NA
AE4870 lec DESIGN OF SPACECRAFT	29	11	11	11	11	11	11	NA
AE4871 lec SPCECRFT DSGN & INTII	27	27	27	27	27	27	27	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4900 lec CTRL FLEX STRUCTURES	0	1	1	1	1	1	1	NA
AE4900 lab ADVANCED STUDY IN AER	0	1	1	1	1	1	1	NA
AE4900 lec HIGH ENERGY TUNABLE L	1	0	1	1	1	1	1	NA
AE4900 lab COMP FLUID DYNAMICS	2	0	2	2	2	2	2	NA
AE4900 lec MODEL OF SPACECFT STR	0	1	1	1	1	1	1	NA
AE4900 lab PIEZOELECTRIC SENSORS	0	1	1	1	1	1	1	NA
AE4900 lec PIEZOELECTRIC SENSORS	0	1	1	1	1	1	1	NA
AE4900 lab SPACECRAFT ALTIT CONT	0	1	1	1	1	1	1	NA
AE4900 lec ADVANCED STUDY IN AER	1	0	1	1	1	1	1	NA
AE4900 lab SPACECRAFT CONTROL	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT CONTROL	0	1	1	1	1	1	1	NA
AE4900 lec ADV SPACE ROBOTICS CT	1	0	1	1	1	1	1	NA
AE4900 lab CTRL FLEX STRUCTURES	0	1	1	1	1	1	1	NA
AE4900 lec ADVANCED STUDY IN AER	7	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4900 lab MODEL OF SPACECFT STR	0	1	1	1	1	1	1	NA
AE4900 lec BOUNDARY LAYER THEORY	1	0	1	1	1	1	1	NA
AE4900 lab SPACECRAFT SIMULATION	0	2	2	2	2	2	2	NA
AE4900 lec COMP FLUID DYNAMICS	2	0	2	2	2	2	2	NA
AE4900 lec DYN & CTRL FLEX STRUC	0	1	1	1	1	1	1	NA
AE4900 lec FAULT DETECT & ANALYS	0	1	1	1	1	1	1	NA
AE4900 lec ROBOTIC CONTROL	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT ALTIT CONT	0	1	1	1	1	1	1	NA
AE4900 lec STORES SEPARATION	0	2	2	2	2	2	2	NA
AE4900 lec SURV TACT MISSILE SYS	2	1	1	1	1	1	1	NA
AE4900 lec SURVEY TACTICAL MISSI	1	0	1	1	1	1	1	NA
AE4900 lec ADV AERODY ANALYSIS	2	0	2	2	2	2	2	NA
AE4900 lec ADV CTRL TECH	1	0	1	1	1	1	1	NA
AE4900 lec ADV HELICOPTER CTRLS	0	4	4	4	4	4	4	NA
AE4900 lec ADVANCED MISSILE FLIG	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AE4900 lec ADVANCED STUDY IN AER	1	1	1	1	1	1	1	NA
AE4900 lec COMP BASE SAT DESIGN	1	0	1	1	1	1	1	NA
AE4900 lec COMP FLUID DYNAMICS	0	1	1	1	1	1	1	NA
AE4900 lec COMPUTER CONTROL METH	1	0	1	1	1	1	1	NA
AE4900 lec CONTINUUM MACHANICS	1	0	1	1	1	1	1	NA
AE4900 lec FLUID DYNAMICS	1	0	1	1	1	1	1	NA
AE4900 lec GUID WEAP CTRL SYSTEM	0	1	1	1	1	1	1	NA
AE4900 lec HYPERSONIC FLIGHT	0	3	3	3	3	3	3	NA
AE4900 lec LASER TECHNOLOGY	2	0	2	2	2	2	2	NA
AE4900 lec MULTI OBJ CONTROL	0	1	1	1	1	1	1	NA
AE4900 lec ROBUST MULTI OBJ CONT	0	1	1	1	1	1	1	NA
AE4900 lec SPACECRAFT RE SYS ANA	0	2	2	2	2	2	2	NA
AE4900 lec SPACECRAFT TRAGECTORY	0	2	2	2	2	2	2	NA
AE4900 lec TAGUCHI METH IN DESIG	4	0	4	4	4	4	4	NA
AE4900 lec VTOL TRANSITION	1	0	1	1	1	1	1	NA
AS1701 lec COMMUNICATION SKILL 1	30	0	30	30	30	30	30	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
AS2701 lec COMMUNICATION SKILL I	5	0	5	5	5	5	5	NA
AS3610 lec ECON ANAL & OPS RESRC	55	21	21	21	21	21	21	NA
AS3611 lec CAPITAL ALLOCATION	57	42	42	42	42	42	42	NA
AS3611 lab CAPITAL ALLOCATION	57	42	42	42	42	42	42	NA
CC0001 lab SEMINAR FOR C3	214	244	244	244	244	244	244	NA
CC0810+ lab THESIS RESEARCH	0	74	74	74	74	74	74	NA
CC3000 lec INTRO C3		39	32	32	32	32	32	32 NA
CC3001 lec MODELING C3 SYSTEMS	34	38	38	38	38	38	38	NA
CC3111 lec C3 MISSION, ORGANIZAT	34	25	25	25	25	25	25	NA
CC3900 lec C3 READINGS	0	1	1	1	1	1	1	NA
CC3900 lec SPEC TOP,COM CONT&COM	1	4	4	4	4	4	4	NA
CC3900 lec COMBAT MODELS C3	0	1	1	1	1	1	1	NA
CC3900 lec SPEC TOP,COM CONT&COM	0	1	1	1	1	1	1	NA
CC4001 lec C3:STRUCTURE/PROC/DYN	35	37	37	37	37	37	37	NA
CC4001 lab C3:STRUCTURE/PROC/DYN	35	37	37	37	37	37	37	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CC4002 lec C3 ARCHITEC & ENGR II	0	35	35	35	35	35	35	NA
CC4002 lab C3 ARCHITEC & ENGR II	0	35	35	35	35	35	35	NA
CC4003 lec C3 SYSTEMS EVALUATION	28	35	35	35	35	35	35	NA
CC4003 lab C3 SYSTEMS EVALUATION	28	35	35	35	35	35	35	NA
CC4113 lec POLICIES & PROBS IN C	28	36	36	36	36	36	36	NA
CC4200 lec COMBAT SYS ENGR	15	6	6	6	6	6	6	NA
CC4900 lec C3 NETWORKS	3	0	3	3	3	3	3	NA
CC4900 lec ADV STDY:COM CONTR&CO	0	3	3	3	3	3	3	NA
CC4900 lec C3 POLICIES & PROBS	0	1	1	1	1	1	1	NA
CC4900 lec C3 SYSTEMS EVAL	0	1	1	1	1	1	1	NA
CC4900 lec DATA LINKS	0	1	1	1	1	1	1	NA
CC4900 lec MLS IN C3 SYSTEMS	0	3	3	3	3	3	3	NA
CC4900 lec RELATIONAL DBMS TECHN	0	1	1	1	1	1	1	NA
CC4900 lec STATS ANAL COMP SIMU	0	2	2	2	2	2	2	NA
CC4900 lec SYN APERTURE RADAR	0	1	1	1	1	1	1	NA
CC4900 lec FUTURE DEV RUSSIAN C3	2	0	2	2	2	2	2	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CM3002 lec ECON EVAL TELECOMM SY	22	0	22	22	22	22	22	NA
CM0001 lab SEM TELCOM SYST MGMT	58	0	58	58	58	58	58	NA
CM3112 lec NAVY TELECOM SYSTEMS	0	79	79	79	79	79	79	NA
CM4925 lec TELECOMM:INDUSTRY, RE	24	0	24	24	24	24	24	NA
CS0001 lab SEMINAR	488	495	495	495	495	495	495	NA
CS0100 lec REFRESHER ADA PROGRAM	90	116	116	116	116	116	116	NA
CS0100 lab REFRESHER ADA PROGRAM	90	116	116	116	116	116	116	NA
CS0101 lec REFRESH-LAB SYSTEMS	123	115	115	115	115	115	115	NA
CS0101 lab REFRESH-LAB SYSTEMS	123	115	115	115	115	115	115	NA
CS0810+ lab THESIS RESEARCH	0	185	185	185	185	185	185	NA
CS2920 lec INTRO COMP MANAGEMENT	1	0	1	1	1	1	1	NA
CS2920 lab INTRO COMP MANAGEMENT	1	0	1	1	1	1	1	NA
CS2970 lec STRUCT PROGR W/ADA	387	265	265	265	265	265	265	NA
CS2970 lab STRUCT PROGR W/ADA	387	265	265	265	265	265	265	NA
CS3010 lec COMPUTING DEVICES&SYS	99	92	92	92	92	92	92	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS3030 lec PRIN OPERATING SYSTEM	118	95	95	95	95	95	95	NA
CS3050 lec SOFTWARE PROJ DEVEL	0	9	9	9	9	9	9	NA
CS3111 lec PRIN PROGRAM LANGUAGE	64	64	64	64	64	64	64	NA
CS3113 lec INTRO TO COMPILERS	0	6	6	6	6	6	6	NA
CS3113 lab INTRO TO COMPILERS	0	6	6	6	6	6	6	NA
CS3200 lec NEW COMPUTER ARCH	64	66	66	66	66	66	66	NA
CS3200 lab NEW COMPUTER ARCH	64	66	66	66	66	66	66	NA
CS3300 lec DATA STRUCTURES	65	66	66	66	66	66	66	NA
CS3300 lab DATA STRUCTURES	65	66	66	66	66	66	66	NA
CS3310 lec ARTIFICIAL INTELL	64	66	66	66	66	66	66	NA
CS3320 lec DATABASE SYSTEMS	50	60	60	60	60	60	60	NA
CS3320 lab DATABASE SYSTEMS	50	60	60	60	60	60	60	NA
CS3450 lec SOFTWARE SYST DESIGN	51	54	54	54	54	54	54	NA
CS3450 lab SOFTWARE SYST DESIGN	51	54	54	54	54	54	54	NA
CS3460 lec SOFTWARE METHODOLOGY	55	59	59	59	59	59	59	NA
CS3460 lab SOFTWARE METHODOLOGY	55	59	59	59	59	59	59	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS3502 lec COMP COMM & NETWORKS	50	69	69	69	69	69	69	NA
CS3550 lec COMP IN COMBAT SYSTEM	25	0	25	25	25	25	25	NA
CS3550 lab COMP IN COMBAT SYSTEM	25	0	25	25	25	25	25	NA
CS3601 lec AUTOMATA&FORMAL LANG	58	51	51	51	51	51	51	NA
CS3650 lec THEORY OF ALGORITHMS	49	51	51	51	51	51	51	NA
CS3700 lec ADV PROGRAMMING C++	0	70	70	70	70	70	70	NA
CS3700 lab ADV PROGRAMMING C++	0	70	70	70	70	70	70	NA
CS3800 lec COMMUNICATION NETWORK	0	1	1	1	1	1	1	NA
CS3800 lab DBMS SOFTWARE	1	0	1	1	1	1	1	NA
CS3920 lec ADV PROG IN C &C++ SC	15	0	15	15	15	15	15	NA
CS3920 lab TOPICS IN COMPUTER SC	18	0	18	18	18	18	18	NA
CS3920 lec ADV PROGRAMMING C++	1	0	1	1	1	1	1	NA
CS3920 lab ADV PROG IN C &C++ SC	15	0	15	15	15	15	15	NA
CS3920 lec TOPICS IN COMPUTER SC	23	0	23	23	23	23	23	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS3920 lab ADV PROGRAMMING C++	1	0	1	1	1	1	1	NA
CS3920 lec TOPICS IN COMPUTER SC	18	0	18	18	18	18	18	NA
CS3920 lab TOPICS IN COMPUTER SC	23	0	23	23	23	23	23	NA
CS4112 lec OPERATING SYSTEMS	0	19	19	19	19	19	19	NA
CS4112 lab OPERATING SYSTEMS	0	19	19	19	19	19	19	NA
CS4112 lec OPERATING SYSTEMS	49	34	34	34	34	34	34	NA
CS4113 lec ADV LANGUAGE TOPICS	9	0	9	9	9	9	9	NA
CS4114 lec ADV TOPICS IN OBJ PRO	16	14	14	14	14	14	14	NA
CS4114 lab ADV TOPICS IN OBJ PRO	16	14	14	14	14	14	14	NA
CS4150 lec PROGRAMG TOOLS/ENVIRO	4	10	10	10	10	10	10	NA
CS4202 lec COMPUTER GRAPHICS	37	34	34	34	34	34	34	NA
CS4202 lab COMPUTER GRAPHICS	37	34	34	34	34	34	34	NA
CS4203 lec INTERACT COMPUTA SYST	36	31	31	31	31	31	31	NA
CS4203 lab INTERACT COMPUTA SYST	36	31	31	31	31	31	31	NA
CS4310 lec ADV ARTIFICIAL INTELL	13	20	20	20	20	20	20	NA

Mission Requirements (Cont.)
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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4311 lec EXPERT SYSTEMS	14	7	7	7	7	7	7	NA
CS4311 lab EXPERT SYSTEMS	5	0	5	5	5	5	5	NA
CS4311 lab EXPERT SYSTEMS	9	7	7	7	7	7	7	NA
CS4312 lec ADVANCED DATABASE SYS	30	27	27	27	27	27	27	NA
CS4312 lab ADVANCED DATABASE SYS	30	27	27	27	27	27	27	NA
CS4313 lec ADVANCED ROBOTIC SYS	16	14	14	14	14	14	14	NA
CS4314 lec SYMBOLIC COMPUTING	11	8	8	8	8	8	8	NA
CS4314 lab SYMBOLIC COMPUTING	11	8	8	8	8	8	8	NA
CS4322 lec ADV DATABASE SYS TOPI	16	16	16	16	16	16	16	NA
CS4322 lab ADV DATABASE SYS TOPI	16	16	16	16	16	16	16	NA
CS4450 lec ADV COMPUTER ARCHITEC	12	8	8	8	8	8	8	NA
CS4451 lec MULTI-PROC/REAL-TIME	9	0	9	9	9	9	9	NA
CS4451 lab MULTI-PROC/REAL-TIME	9	0	9	9	9	9	9	NA
CS4470 lec COMP GRAPHICS TOPICS	12	11	11	11	11	11	11	NA
CS4470 lab COMP GRAPHICS TOPICS	12	11	11	11	11	11	11	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4471 lec COMPUTER ANIMATION	10	17	17	17	17	17	17	NA
CS4471 lab COMPUTER ANIMATION	10	17	17	17	17	17	17	NA
CS4472 lec PHYSICALLY BASED MODE	7	8	8	8	8	8	8	NA
CS4472 lab PHYSICALLY BASED MODE	7	8	8	8	8	8	8	NA
CS4473 lec VIRTUAL WORLDS SIM SY	8	13	13	13	13	13	13	NA
CS4473 lab VIRTUAL WORLDS SIM SY	8	13	13	13	13	13	13	NA
CS4500 lec SOFTWARE ENGINEERING	33	15	15	15	15	15	15	NA
CS4500 lab SOFTWARE ENGINEERING	33	15	15	15	15	15	15	NA
CS4520 lec ADV SOFTWARE ENG	7	0	7	7	7	7	7	NA
CS4530 lec SOFTWARE ENG ADA	16	23	23	23	23	23	23	NA
CS4540 lec SOFTWARE TESTING	0	13	13	13	13	13	13	NA
CS4540 lab SOFTWARE TESTING	0	13	13	13	13	13	13	NA
CS4550 lec COMPUTER NETWORKS II	0	18	18	18	18	18	18	NA
CS4550 lec DISTRIBUTED COMPUTING	21	7	7	7	7	7	7	NA
CS4601 lec COMPUTER SECURITY	61	151	151	151	151	151	151	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4602 lec ADV COMPUTER SECURITY	0	4	4	4	4	4	4	NA
CS4800 lec DIRECTED STUDIES/CS	1	0	1	1	1	1	1	NA
CS4800 lab DIRECTED STUDIES/CS	1	0	1	1	1	1	1	NA
CS4800 lec HAND SENSOR INPUT P/C	1	0	1	1	1	1	1	NA
CS4800 lab HAND SENSOR INPUT P/C	1	0	1	1	1	1	1	NA
CS4800 lec PROJ DOCUMENTATION	0	1	1	1	1	1	1	NA
CS4800 lab NPS NET FUTURES III	0	1	1	1	1	1	1	NA
CS4800 lec NPSNET FUTURE STUD II	0	3	3	3	3	3	3	NA
CS4800 lab VISUAL PROG OBJ ORIEN	1	0	1	1	1	1	1	NA
CS4800 lec OBJ/VISUAL ORIENT PRO	2	0	2	2	2	2	2	NA
CS4800 lab ADV C++ TOPICS	1	0	1	1	1	1	1	NA
CS4800 lec VISUAL PROG OBJ ORIEN	1	0	1	1	1	1	1	NA
CS4800 lab GRAPHICAL ROBOT DYNAM	0	1	1	1	1	1	1	NA
CS4800 lec ADV READ IN COMMUNICA	1	0	1	1	1	1	1	NA
CS4800 lab REFER LOC IN LOOP PIP	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4800 lec ADV READ IN COMP SCIE	1	0	1	1	1	1	1	NA
CS4800 lab VISUAL/OBJ ORIENTATED	1	0	1	1	1	1	1	NA
CS4800 lec ANALY REAL TIME STUDY	1	0	1	1	1	1	1	NA
CS4800 lab ADV TOP VIRT WORLD IN	1	0	1	1	1	1	1	NA
CS4800 lec DIRECTED STUDIES/CS	1	1	1	1	1	1	1	NA
CS4800 lab DBASE TECH IN REAL TI	0	1	1	1	1	1	1	NA
CS4800 lec GENETIC ALGORITHMS	1	0	1	1	1	1	1	NA
CS4800 lab DIRECTED STUDIES/CS	1	1	1	1	1	1	1	NA
CS4800 lec PROG TECH LARGE OBJ	0	1	1	1	1	1	1	NA
CS4800 lab GENETIC ALGORITHIMS	0	1	1	1	1	1	1	NA
CS4800 lec RISC PROC ARCH	1	0	1	1	1	1	1	NA
CS4800 lab LARGE DATABASE SYSTEM	0	1	1	1	1	1	1	NA
CS4800 lec ADV LANGUAGE TOPICS	0	1	1	1	1	1	1	NA
CS4800 lab NPSNET RESEAR GROUP	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4800 lec ADV WIDE AREA NETWRK	0	1	1	1	1	1	1	NA
CS4800 lab OBJ/VISUAL ORIENT PRO	2	0	2	2	2	2	2	NA
CS4800 lec C++ ADVANCED PROGRAM	2	0	2	2	2	2	2	NA
CS4800 lab PROJ DOCUMENTATION	0	1	1	1	1	1	1	NA
CS4800 lec DATABASE SEMANTIC EQU	0	1	1	1	1	1	1	NA
CS4800 lab VIRTUAL REALITY II	1	0	1	1	1	1	1	NA
CS4800 lec DIGITAL SWITCHING	0	1	1	1	1	1	1	NA
CS4800 lab VIRTUAL SOUND	0	1	1	1	1	1	1	NA
CS4800 lec DIR STUDIES IN NETWRK	0	2	2	2	2	2	2	NA
CS4800 lab ADV TELECOMMUNICATION	1	0	1	1	1	1	1	NA
CS4800 lab ADVANCED PROGRAM C++	6	0	6	6	6	6	6	NA
CS4800 lec DIRECTED STUDIES/CS	2	0	2	2	2	2	2	NA
CS4800 lab ADV SOFWARE ENGR	0	1	1	1	1	1	1	NA
CS4800 lec NPSNET FUTURE STUDIES	0	4	4	4	4	4	4	NA
CS4800 lab VISUAL PROGRAMMING	2	0	2	2	2	2	2	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4800 lec NPSNET RESEARCH GROUP	0	1	1	1	1	1	1	NA
CS4800 lab ADV COMP SCIENCE	2	0	2	2	2	2	2	NA
CS4800 lec OBJ ORIENTED DBASES	0	2	2	2	2	2	2	NA
CS4800 lab COMP OF AERO MODELS	1	0	1	1	1	1	1	NA
CS4800 lec PROBLEM SOLVING	0	6	6	6	6	6	6	NA
CS4800 lab CONST OF VISUAL SIMUL	0	1	1	1	1	1	1	NA
CS4800 lec SOFTWARE PROJECT MGMT	0	1	1	1	1	1	1	NA
CS4800 lab DIRECTED STUDIES/CS	3	1	1	1	1	1	1	NA
CS4800 lec SUPERSCALAR COMP ARCH	1	0	1	1	1	1	1	NA
CS4800 lab NAUT EXP SYS DEVELOPM	0	1	1	1	1	1	1	NA
CS4800 lab NPS SCRIPT FILES STDY	0	1	1	1	1	1	1	NA
CS4800 lab OBJ ORIEN DBASE DESIG	0	2	2	2	2	2	2	NA
CS4800 lab OBJECT ORIENTED DBASE	0	1	1	1	1	1	1	NA
CS4800 lab PROTOCOL TESTING	2	0	2	2	2	2	2	NA
CS4800 lab ROBOTICS WITH R.B.M.	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4800 lab VIRTUAL REALITY	0	1	1	1	1	1	1	NA
CS4800 lab 3D COMBAT MODELING	2	0	2	2	2	2	2	NA
CS4900 lab RESEARCH SEM, COMP SC	48	52	52	52	52	52	52	NA
CS4910 lec ADA IN ROBOTICS	0	1	1	1	1	1	1	NA
CS4910 lab ADV PROG C C++	0	1	1	1	1	1	1	NA
CS4910 lec ADV C++ FOR GRAPHICS	1	0	1	1	1	1	1	NA
CS4910 lab OOP/OODBMS BROWSERS	1	0	1	1	1	1	1	NA
CS4910 lec ADV STUD GENETIC ALGO	0	1	1	1	1	1	1	NA
CS4910 lab VISUAL OBJ ORIENT PRO	2	0	2	2	2	2	2	NA
CS4910 lec DOMAIN ANLY APPROACH	0	1	1	1	1	1	1	NA
CS4910 lab ADV EXPRT SYS W KEE/C	0	1	1	1	1	1	1	NA
CS4910 lec LOCOMOTION CONTROL	0	1	1	1	1	1	1	NA
CS4910 lab ADV PRGM IN CTT	0	2	2	2	2	2	2	NA
CS4910 lec RBM IN ROBOTICS	0	1	1	1	1	1	1	NA
CS4910 lab ADVANCE TOPIC C++	2	0	2	2	2	2	2	NA
CS4910 lec RBM TACT LEV IMPLEMEN	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lab ADVANCED READINGS/CS	0	1	1	1	1	1	1	NA
CS4910 lec ROBOT MOTION CONTROL	0	1	1	1	1	1	1	NA
CS4910 lab C++ ADVANCED PROGRAMI	1	0	1	1	1	1	1	NA
CS4910 lec ADV EXPRT SYS W KEE/C	0	1	1	1	1	1	1	NA
CS4910 lab COMPUTER GRAPHIC TUTO	1	0	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	1	0	1	1	1	1	1	NA
CS4910 lab FEDERATED OODBMS	0	1	1	1	1	1	1	NA
CS4910 lec NPS NET FUTURE STUDIE	0	1	1	1	1	1	1	NA
CS4910 lab ROBOT DYNAMICS	1	0	1	1	1	1	1	NA
CS4910 lec OPTIMAL MOTION PLANNI	0	1	1	1	1	1	1	NA
CS4910 lab THEORY OF COMPUTATION	0	1	1	1	1	1	1	NA
CS4910 lec PREDICATE LOGIC	1	0	1	1	1	1	1	NA
CS4910 lab TRANS PARAL COMPUTING	0	1	1	1	1	1	1	NA
CS4910 lec ROBOT DYNAMICS	1	0	1	1	1	1	1	NA
CS4910 lab ADV C++ FOR GRAPHICS	1	0	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lec STRUC OBJ ORIENT PROG	0	1	1	1	1	1	1	NA
CS4910 lab ADV STUD GENETIC ALGO	0	1	1	1	1	1	1	NA
CS4910 lec TRANS PARAL COMPUTING	0	1	1	1	1	1	1	NA
CS4910 lab ADVANCED READINGS/CS	1	0	1	1	1	1	1	NA
CS4910 lec ADV DATA NETWORKS	0	1	1	1	1	1	1	NA
CS4910 lab DOMAIN ANLY APPROACH	0	1	1	1	1	1	1	NA
CS4910 lec ADV PRGM IN CTT	0	2	2	2	2	2	2	NA
CS4910 lab GRAPHICS IN ADA	1	0	1	1	1	1	1	NA
CS4910 lec ADVANCE TOPIC C++	2	0	2	2	2	2	2	NA
CS4910 lab HEXAPOD KINEMATICS	0	1	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	0	1	1	1	1	1	1	NA
CS4910 lab LOCOMOTION CONTROL	0	1	1	1	1	1	1	NA
CS4910 lec AUTONOMOUS VEH/PATH F	1	0	1	1	1	1	1	NA
CS4910 lab ROBOT KINEMAT IN LISP	0	1	1	1	1	1	1	NA
CS4910 lec C++ ADVANCED PROGRAMI	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lab ROBOTICS APP OF OBJ O	0	1	1	1	1	1	1	NA
CS4910 lec COMPUTER GRAPHIC TUTO	1	0	1	1	1	1	1	NA
CS4910 lab ADA IN ROBOTICS	0	1	1	1	1	1	1	NA
CS4910 lec LGHT WGHT TRANS PROTO	0	1	1	1	1	1	1	NA
CS4910 lab ADVANCED READINGS/CS	2	2	2	2	2	2	2	NA
CS4910 lec OBJ AUV HYDRODYN MODE	0	1	1	1	1	1	1	NA
CS4910 lab COMPUTER SECURITY	0	1	1	1	1	1	1	NA
CS4910 lec OOP/OODBMS BROWSERS	1	0	1	1	1	1	1	NA
CS4910 lab FUZZY LOGIC	1	0	1	1	1	1	1	NA
CS4910 lec VISUAL OBJ ORIENT PRO	1	0	1	1	1	1	1	NA
CS4910 lab NPS NET FUTURE STUDIE	0	1	1	1	1	1	1	NA
CS4910 lab OPTIMAL MOTION PLANNI	0	1	1	1	1	1	1	NA
CS4910 lec ADV COMP ARCHITECTURE	1	0	1	1	1	1	1	NA
CS4910 lab QUATERNIONS IN GRAPHI	1	0	1	1	1	1	1	NA
CS4910 lec ADV DATABASE SECURITY	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lab RAL TIME SYS SCHEDULI	1	0	1	1	1	1	1	NA
CS4910 lec ADV PROG C C++	0	1	1	1	1	1	1	NA
CS4910 lab RBM TACT LEV IMPLEMEN	0	1	1	1	1	1	1	NA
CS4910 lec ADVANCED READINGS/CS	3	0	3	3	3	3	3	NA
CS4910 lab ROBOT CONTROL THEORY	1	0	1	1	1	1	1	NA
CS4910 lec CAI DESIGN	1	0	1	1	1	1	1	NA
CS4910 lab ROBOT MOTION CONTROL	0	1	1	1	1	1	1	NA
CS4910 lec DATA MODELS	1	0	1	1	1	1	1	NA
CS4910 lab STRUC OBJ ORIENT PROG	0	1	1	1	1	1	1	NA
CS4910 lec DATABASE SECURITY	0	1	1	1	1	1	1	NA
CS4910 lab WALKING ROBOT RESEARC	1	0	1	1	1	1	1	NA
CS4910 lec DOD SOFTWARE ACQ & MG	0	1	1	1	1	1	1	NA
CS4910 lab COMP GRAPH IN WAVEFRO	0	1	1	1	1	1	1	NA
CS4910 lec EXP SYS APPL STUDIES	0	2	2	2	2	2	2	NA
CS4910 lab OBJ ORIENT DATA MODEL	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lec INTRO TO TRANSPUTERS	0	1	1	1	1	1	1	NA
CS4910 lab ADVANCED READINGS/CS	0	4	4	4	4	4	4	NA
CS4910 lec NET DIS OPER SYS	1	0	1	1	1	1	1	NA
CS4910 lab COMPUTATIONAL GEOMETR	1	1	1	1	1	1	1	NA
CS4910 lec SEMINAR SOFTWARE TEST	1	0	1	1	1	1	1	NA
CS4910 lab DATABASE INTERFACES	0	1	1	1	1	1	1	NA
CS4910 lec TAMPS DATABASE REVIEW	1	0	1	1	1	1	1	NA
CS4910 lab HUMAN COMP INTERFACE	1	0	1	1	1	1	1	NA
CS4910 lab PARALLEL ALGORITHMS	1	0	1	1	1	1	1	NA
CS4910 lab RBM IN ROBOTICS	0	1	1	1	1	1	1	NA
CS4910 lab ROBOTICS LANG DES SIM	0	1	1	1	1	1	1	NA
CS4910 lab ROBOTICS MOTION CONTR	0	2	2	2	2	2	2	NA
CS4910 lab SECURITY MODELING	0	1	1	1	1	1	1	NA
CS4910 lab ADA REUSABLE COMP	1	0	1	1	1	1	1	NA
CS4910 lab ADV GENETIC ALGORITHM	1	0	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lab ADV GRAPHICS	1	0	1	1	1	1	1	NA
CS4910 lab ADV PROG TOPICS	3	0	3	3	3	3	3	NA
CS4910 lab ADV READ IN COMP SCIE	1	0	1	1	1	1	1	NA
CS4910 lab ADV READINGS COMP NET	2	0	2	2	2	2	2	NA
CS4910 lab ADV STUDY IN COMP SIM	1	0	1	1	1	1	1	NA
CS4910 lab ADV TOPICS SOFT TESTI	1	0	1	1	1	1	1	NA
CS4910 lab ADV TOPICS TELECOMMUN	2	0	2	2	2	2	2	NA
CS4910 lab ADVANCED READINGS/CS	2	5	5	5	5	5	5	NA
CS4910 lab ALGOR ANLY IN WAR GAM	1	0	1	1	1	1	1	NA
CS4910 lab ANTI SUB WARFARE SIMU	1	0	1	1	1	1	1	NA
CS4910 lab APP OF XWINDOW TOOLKI	1	0	1	1	1	1	1	NA
CS4910 lab C++ DATABASE DESIGN	0	1	1	1	1	1	1	NA
CS4910 lab C++ OBJ ORIENT DESIGN	0	1	1	1	1	1	1	NA
CS4910 lab COMP INTERFACE DESIGN	0	2	2	2	2	2	2	NA
CS4910 lab COUR DEV FOR UNIX SEC	0	1	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4910 lab DGN RES FOR HYPER NPS	0	1	1	1	1	1	1	NA
CS4910 lab EXPERT SYSTEMS	1	0	1	1	1	1	1	NA
CS4910 lab HIGH SPEED NETWORKS	1	0	1	1	1	1	1	NA
CS4910 lab INTELL TUTOR SYSTEMS	1	0	1	1	1	1	1	NA
CS4910 lab LISP PROGRAMMING	1	0	1	1	1	1	1	NA
CS4910 lab OBJECT ORIENT DATABAS	0	1	1	1	1	1	1	NA
CS4910 lab OBJECT-ORIENTED PROG	1	0	1	1	1	1	1	NA
CS4910 lab PROG TOOLS ENVIRONMEN	1	0	1	1	1	1	1	NA
CS4910 lab READINGS IN DATABASE	1	0	1	1	1	1	1	NA
CS4910 lab RISK ANAL DIS REC PLA	0	1	1	1	1	1	1	NA
CS4910 lab SONAR EXPERT SYSTEMS	2	0	2	2	2	2	2	NA
CS4910 lab TESTING OF SAFENET	0	1	1	1	1	1	1	NA
CS4910 lab UNIX SECURITY	0	1	1	1	1	1	1	NA
CS4910 lab VIRTUAL WORLDS II	0	1	1	1	1	1	1	NA
CS4910 lab 3D HYPERTEXT R&D	1	0	1	1	1	1	1	NA
CS4920 lec USER INTERFACE DESIGN	0	1	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4920 lab ADA REAL TIME SOFTWAR	1	0	1	1	1	1	1	NA
CS4920 lec EXP SYS IN ROBOTICS	0	6	6	6	6	6	6	NA
CS4920 lab INTRO TO COMP MGMT	2	0	2	2	2	2	2	NA
CS4920 lab PARALLEL COMPUTING	0	1	1	1	1	1	1	NA
CS4920 lec HPOS W/KERBEROS	0	1	1	1	1	1	1	NA
CS4920 lab ADV TOPICS/CS	5	0	5	5	5	5	5	NA
CS4920 lec KERBEROS NETWORK SECU	0	2	2	2	2	2	2	NA
CS4920 lab COMPUTER INTERFACE DE	0	1	1	1	1	1	1	NA
CS4920 lec PARALLEL COMPUTING	0	5	5	5	5	5	5	NA
CS4920 lab EXP SYS IN ROBOTICS	0	6	6	6	6	6	6	NA
CS4920 lec PREDICATE CALCULUS	0	7	7	7	7	7	7	NA
CS4920 lec ADV TOPICS IN AI	0	1	1	1	1	1	1	NA
CS4920 lab SCIENTIFIC VISUALIZAT	0	8	8	8	8	8	8	NA
CS4920 lec ADV TOPICS/CS	5	0	5	5	5	5	5	NA
CS4920 lab HPOS W/KERBEROS	0	1	1	1	1	1	1	NA
CS4920 lec COMPUTER INTERFACE DE	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
CS4920 lab KERBEROS NETWORK SECU	0	2	2	2	2	2	2	NA
CS4920 lec INTRO TO COMP MGMT	2	0	2	2	2	2	2	NA
CS4920 lab PREDICATE CALCULUS	0	7	7	7	7	7	7	NA
CS4920 lec PARALLEL COMPUTING	0	1	1	1	1	1	1	NA
CS4920 lab USER INTERFACE DESIGN	0	1	1	1	1	1	1	NA
CS4920 lec SCIENTIFIC VISUALIZAT	0	8	8	8	8	8	8	NA
CS4920 lab ONLINE HELP SYS DEVEL	0	1	1	1	1	1	1	NA
CS4920 lec SOFTWARE CONFIG MGMT	1	0	1	1	1	1	1	NA
CS4920 lab PROG TOOL ENVIRONMENT	1	1	1	1	1	1	1	NA
CS4920 lec ADA REAL TIME SOFTWAR	1	0	1	1	1	1	1	NA
CS4920 lec ADV TOPICS/CS	7	1	1	1	1	1	1	NA
CS4920 lec ADV WIDE AREA NTWK MG	0	1	1	1	1	1	1	NA
CS4920 lec COMPUTING & COMPLEXIT	0	5	5	5	5	5	5	NA
CS4920 lec DIST DATABASE SYSTEMS	1	0	1	1	1	1	1	NA
EC0810+ lab THESIS RESEARCH	0	229	229	229	229	229	229	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC0950 lab SEMINAR	127	168	168	168	168	168	168	NA
EC1010 lec INTRO TO MATLAB	27	180	180	180	180	180	180	NA
EC2010 lec ANL SIGNALS & SYSTEM	0	45	45	45	45	45	45	NA
EC2010 lab ANL SIGNALS & SYSTEM	0	45	45	45	45	45	45	NA
EC2100 lec CIRCUIT ANALYSIS I	44	34	34	34	34	34	34	NA
EC2100 lab CIRCUIT ANALYSIS I	44	34	34	34	34	34	34	NA
EC2110 lec CIRCUIT ANALYSIS II	36	37	37	37	37	37	37	NA
EC2110 lab CIRCUIT ANALYSIS II	36	37	37	37	37	37	37	NA
EC2170 lec INTRO TO ELEC ENG	99	64	64	64	64	64	64	NA
EC2170 lab INTRO TO ELEC ENG	99	64	64	64	64	64	64	NA
EC2200 lec ELEX ENGINEERING I	53	67	67	67	67	67	67	NA
EC2200 lab ELEX ENGINEERING I	53	67	67	67	67	67	67	NA
EC2210 lec ELEX ENGINEERING II	40	35	35	35	35	35	35	NA
EC2210 lab ELEX ENGINEERING II	40	35	35	35	35	35	35	NA
EC2220 lec DESIGN ELEC CIRCUITS	24	40	40	40	40	40	40	NA
EC2220 lab DESIGN ELEC CIRCUITS	24	40	40	40	40	40	40	NA
EC2250 lec ACCEL REV,ELEX ENGR	8	11	11	11	11	11	11	NA
EC2250 lab ACCEL REV,ELEX ENGR	8	11	11	11	11	11	11	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	200	Mobilization equirement (2001)
EC2270 lec ELTRONIC/ELECTRIC MAC	46	27	27	27	27	27	27	NA
EC2270 lab ELTRONIC/ELECTRIC MAC	46	27	27	27	27	27	27	NA
EC2300 lec CONTROL SYSTEMS	64	69	69	69	69	69	69	NA
EC2300 lab CONTROL SYSTEMS	64	69	69	69	69	69	69	NA
EC2320 lec LINEAR SYSTEMS	45	37	37	37	37	37	37	NA
EC2400 lec DISCRETE SYSTEMS	98	119	119	119	119	119	119	NA
EC2400 lab DISCRETE SYSTEMS	70	119	119	119	119	119	119	NA
EC2410 lec FOURIER ANL:SGNL&SYS	145	127	127	127	127	127	127	NA
EC2420 lec LINEAR SYSTEMS	43	0	43	43	43	43	43	NA
EC2450 lec ACCEL REV LINEAR SYST	6	0	6	6	6	6	6	NA
EC2500 lec PRINCIPLES OF COM SYS	112	106	106	106	106	106	106	NA
EC2500 lab PRINCIPLES OF COM SYS	112	106	106	106	106	106	106	NA
EC2600 lec INTRO, FIELDS & WAVES	56	47	47	47	47	47	47	NA
EC2610 lec ELECTROMAGNETIC ENGRG	50	35	35	35	35	35	35	NA
EC2610 lab ELECTROMAGNETIC ENGRG	50	35	35	35	35	35	35	NA
EC2650 lec ACCL REV ELECTROMAG	5	8	8	8	8	8	8	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC2650 lab ACCL REV ELECTROMAG	5	8	8	8	8	8	8	NA
EC2800 lec INTRO:MICROPROCESSORS	55	39	39	39	39	39	39	NA
EC2800 lab INTRO:MICROPROCESSORS	55	39	39	39	39	39	39	NA
EC2810 lec DIGITAL MACHINES	33	0	33	33	33	33	33	NA
EC2810 lab DIGITAL MACHINES	33	0	33	33	33	33	33	NA
EC2820 lec DIGITAL LOGIC CIRCS	73	68	68	68	68	68	68	NA
EC2820 lab DIGITAL LOGIC CIRCS	73	68	68	68	68	68	68	NA
EC2890 lab DIGITAL CIRCUIT DESIG	0	1	1	1	1	1	1	NA
EC2990 lec ANTENNA DESIGN	1	0	1	1	1	1	1	NA
EC2990 lab ANTENNA DESIGN	1	0	1	1	1	1	1	NA
EC2990 lec CAD DESIGN	1	0	1	1	1	1	1	NA
EC2990 lab CAD DESIGN	1	0	1	1	1	1	1	NA
EC2990 lec DES OF DIG IF RECEIVE	1	0	1	1	1	1	1	NA
EC2990 lab DES OF DIG IF RECEIVE	1	0	1	1	1	1	1	NA
EC2990 lec DES PROJ IN EE	17	3	3	3	3	3	3	NA
EC2990 lab DES PROJ IN EE	17	3	3	3	3	3	3	NA
EC2990 lec DIGITAL RF POWER MEAS	2	0	2	2	2	2	2	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC2990 lab DIGITAL RF POWER MEAS	2	0	2	2	2	2	2	NA
EC2990 lec EM SCATTERING	0	1	1	1	1	1	1	NA
EC2990 lab EM SCATTERING	0	1	1	1	1	1	1	NA
EC2990 lec ENERGY CIRCUITS	1	0	1	1	1	1	1	NA
EC2990 lab ENERGY CIRCUITS	1	0	1	1	1	1	1	NA
EC2990 lec EW LABORATORY ENHANCE	1	0	1	1	1	1	1	NA
EC2990 lab EW LABORATORY ENHANCE	1	0	1	1	1	1	1	NA
EC2990 lec FIBER OPTIC DATA LINK	0	1	1	1	1	1	1	NA
EC2990 lab FIBER OPTIC DATA LINK	0	1	1	1	1	1	1	NA
EC2990 lec GPS	1	0	1	1	1	1	1	NA
EC2990 lab FIBER OPTIC IMPLEMENT	1	0	1	1	1	1	1	NA
EC2990 lec MISSILE CONTROLS	1	0	1	1	1	1	1	NA
EC2990 lab GPS	1	0	1	1	1	1	1	NA
EC2990 lec SIGNAL DESCRAMBLER	1	0	1	1	1	1	1	NA
EC2990 lab MISSILE CONTROLS	1	0	1	1	1	1	1	NA
EC2990 lec SPEC STUD IN FIBER OP	1	0	1	1	1	1	1	NA
EC2990 lab SIGNAL DESCRAMBLER	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC2990 lab SPEC STUD IN FIBER OP	1	0	1	1	1	1	1	NA
EC3210 lec INTRO ELECTRO-OPT ENG	36	23	23	23	23	23	23	NA
EC3210 lab INTRO ELECTRO-OPT ENG	36	23	23	23	23	23	23	NA
EC3270 lec POWER ELECTRONICS	10	9	9	9	9	9	9	NA
EC3270 lab POWER ELECTRONICS	10	0	10	10	10	10	10	NA
EC3270 lab POWER ELECTRONICS	0	9	9	9	9	9	9	NA
EC3310 lec LINEAR OPTIMAL ESTMAT	31	25	25	25	25	25	25	NA
EC3310 lab LINEAR OPTIMAL ESTMAT	31	25	25	25	25	25	25	NA
EC3400 lec DIGITAL SIGNAL PROC	57	46	46	46	46	46	46	NA
EC3400 lab DIGITAL SIGNAL PROC	57	46	46	46	46	46	46	NA
EC3410 lec INTRO DISC-TIME PROC	44	41	41	41	41	41	41	NA
EC3420 lec DIGITAL SIGNAL PROCES	27	24	24	24	24	24	24	NA
EC3420 lab DIGITAL SIGNAL PROCES	27	24	24	24	24	24	24	NA
EC3440 lec IMAGE PROCSNG & RECOG	16	0	16	16	16	16	16	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC3440 lab IMAGE PROCSNG & RECOG	16	0	16	16	16	16	16	NA
EC3450 lec ACOUSTIC FIELD THEORY	6	8	8	8	8	8	8	NA
EC3500 lec ANLY RANDOM SIGNALS	61	74	74	74	74	74	74	NA
EC3510 lec COMMUNICATIONS ENGRG	44	51	51	51	51	51	51	NA
EC3510 lab COMMUNICATIONS ENGRG	44	51	51	51	51	51	51	NA
EC3550 lec FIBEROPTIC SYSTEMS	24	40	40	40	40	40	40	NA
EC3550 lab FIBEROPTIC SYSTEMS	24	40	40	40	40	40	40	NA
EC3600 lec ELECTROMAG RADIATION	44	33	33	33	33	33	33	NA
EC3600 lab ELECTROMAG RADIATION	44	33	33	33	33	33	33	NA
EC3610 lec MICROWAVE CIRCUITS	15	7	7	7	7	7	7	NA
EC3610 lab MICROWAVE CIRCUITS	15	7	7	7	7	7	7	NA
EC3620 lec MICROWAVE DEVICES	9	6	6	6	6	6	6	NA
EC3620 lab MICROWAVE DEVICES	9	6	6	6	6	6	6	NA
EC3630 lec RADIOWAVE PROPAGATION	11	17	17	17	17	17	17	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC3640 lec ELECTRO ENVIRO EFFECT	5	5	5	5	5	5	5	NA
EC3650 lec COMPUT ELECTROMAG MOD	8	8	8	8	8	8	8	NA
EC3650 lab COMPUT ELECTROMAG MOD	8	8	8	8	8	8	8	NA
EC3670 lec PRINS OF RADAR SYSTS	28	18	18	18	18	18	18	NA
EC3670 lab PRINS OF RADAR SYSTS	28	18	18	18	18	18	18	NA
EC3800 lec MICROPROC SYST DESIGN	44	40	40	40	40	40	40	NA
EC3800 lab MICROPROC SYST DESIGN	44	40	40	40	40	40	40	NA
EC3820 lec COMPUTER SYSTEMS	23	39	39	39	39	39	39	NA
EC3820 lab COMPUTER SYSTEMS	23	39	39	39	39	39	39	NA
EC3830 lec DIGITAL DESIGN METHOD	25	24	24	24	24	24	24	NA
EC3830 lab DIGITAL DESIGN METHOD	25	24	24	24	24	24	24	NA
EC3840 lec INTRO COMPTR ARCHITEC	0	16	16	16	16	16	16	NA
EC3840 lab INTRO COMPTR ARCHITEC	0	16	16	16	16	16	16	NA
EC3910 lec A/D QUANTIZATION NOIS	0	1	1	1	1	1	1	NA
EC3910 lab TOPICS IN EE	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC3910 lec COMMUNIC AND COUNTRME	17	0	17	17	17	17	17	NA
EC3910 lab A/D QUANTIZATION NOIS	0	1	1	1	1	1	1	NA
EC3910 lec TOPICS IN EE	0	1	1	1	1	1	1	NA
EC3910 lab TOPICS IN EE	0	1	1	1	1	1	1	NA
EC3930 lec TOPICS IN EE AND CE	10	3	3	3	3	3	3	NA
EC3930 lab TOPICS IN EE AND CE	10	0	10	10	10	10	10	NA
EC3940 lec SIGINT SYS&CAPABILITI	0	17	17	17	17	17	17	NA
EC3940 lab SIGINT SYS&CAPABILITI	0	17	17	17	17	17	17	NA
EC3950 lec INTRO TO ROBOTICS	17	0	17	17	17	17	17	NA
EC3950 lab INTRO TO ROBOTICS	17	0	17	17	17	17	17	NA
EC3960 lec ELECTRIC MACHINERY SY	7	0	7	7	7	7	7	NA
EC3960 lec ELECTRIC MACHINERY SY	0	18	18	18	18	18	18	NA
EC3990 lec SPACE POWER	1	0	1	1	1	1	1	NA
EC3990 lab SPACE POWER	1	0	1	1	1	1	1	NA
EC3990 lec ULTRA-WIDE BAND RADAR	1	0	1	1	1	1	1	NA
EC4000 lec FUTURE ENGINEERING PR	107	120	120	120	120	120	120	NA
EC4010 lec PRINCIP SYS MANAGEMEN	0	12	12	12	12	12	12	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4100 lec ADV NETWORK THEORY	7	6	6	6	6	6	6	NA
EC4100 lab ADV NETWORK THEORY	7	6	6	6	6	6	6	NA
EC4210 lec ELECTRO-OPTIC SYS ENG	14	6	6	6	6	6	6	NA
EC4310 lec DIGITAL CONTROL SYST	16	0	16	16	16	16	16	NA
EC4320 lec DES, LINEAR CNTRL SYS	17	14	14	14	14	14	14	NA
EC4330 lec NAVIGATN,MISL&AVIONIC	20	6	6	6	6	6	6	NA
EC4330 lab NAVIGATN,MISL&AVIONIC	20	6	6	6	6	6	6	NA
EC4340 lec NAVIGATN,MISL&AVIONIC	6	3	3	3	3	3	3	NA
EC4340 lab NAVIGATN,MISL&AVIONIC	6	3	3	3	3	3	3	NA
EC4350 lec NONLINEAR SYSTEMS	19	13	13	13	13	13	13	NA
EC4350 lab NONLINEAR SYSTEMS	19	13	13	13	13	13	13	NA
EC4360 lec SYSTEM IDENTIFICATION	4	8	8	8	8	8	8	NA
EC4360 lab SYSTEM IDENTIFICATION	4	8	8	8	8	8	8	NA
EC4370 lec MATH MOD&SIM/CNTRL SY	9	3	3	3	3	3	3	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4410 lec SPEECH SIGNAL PROCESS	14	9	9	9	9	9	9	NA
EC4410 lab SPEECH SIGNAL PROCESS	14	9	9	9	9	9	9	NA
EC4420 lec MODERN SPECTRAL ESTIM	13	10	10	10	10	10	10	NA
EC4420 lab MODERN SPECTRAL ESTIM	13	10	10	10	10	10	10	NA
EC4440 lec DIGITAL SIGNAL PROCSN	22	0	22	22	22	22	22	NA
EC4440 lab DIGITAL SIGNAL PROCSN	22	0	22	22	22	22	22	NA
EC4450 lec SONAR SYSTEMS ENGRG	20	32	32	32	32	32	32	NA
EC4450 lab SONAR SYSTEMS ENGRG	20	32	32	32	32	32	32	NA
EC4460 lec PRIN OF SYSTEMS ENGRG	12	0	12	12	12	12	12	NA
EC4470 lec ADAPTIVE SIGNAL PROCE	27	13	13	13	13	13	13	NA
EC4470 lab ADAPTIVE SIGNAL PROCE	27	13	13	13	13	13	13	NA
EC4480 lec IMAGE PROC & RECOGNI	0	4	4	4	4	4	4	NA
EC4480 lab IMAGE PROC & RECOGNI	0	4	4	4	4	4	4	NA
EC4490 lec OCEAN ACOUSTIC TOM	7	6	6	6	6	6	6	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4550 lec DIGITAL COMMUNICATION	28	39	39	39	39	39	39	NA
EC4560 lec COMMUNICATIONS ECCM	16	8	8	8	8	8	8	NA
EC4560 lab COMMUNICATIONS ECCM	16	8	8	8	8	8	8	NA
EC4570 lec DECISION & EST THEORY	24	36	36	36	36	36	36	NA
EC4580 lec INFORMATION THEORY	33	37	37	37	37	37	37	NA
EC4590 lec COMM SATELLITE SYST	27	24	24	24	24	24	24	NA
EC4600 lec ADV ELECTROMAG THEORY	5	12	12	12	12	12	12	NA
EC4610 lec RADAR SYSTEMS	8	11	11	11	11	11	11	NA
EC4610 lab RADAR SYSTEMS	8	11	11	11	11	11	11	NA
EC4620 lec RADAR SYSTEMS	13	18	18	18	18	18	18	NA
EC4620 lab RADAR SYSTEMS	13	18	18	18	18	18	18	NA
EC4660 lec HIGH FREQ TECHNIQUES	9	7	7	7	7	7	7	NA
EC4670 lec ELECTRONIC WARFARE	9	7	7	7	7	7	7	NA
EC4670 lab ELECTRONIC WARFARE	9	7	7	7	7	7	7	NA
EC4680 lec ELEX WARFARE TECH&SYS	7	4	4	4	4	4	4	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4680 lab ELEX WARFARE TECH&SYS	7	4	4	4	4	4	4	NA
EC4690 lec PRINC ELECT WARFARE	21	23	23	23	23	23	23	NA
EC4690 lab PRINC ELECT WARFARE	21	23	23	23	23	23	23	NA
EC4800 lec ADV TOP IN COMP ARCHI	9	15	15	15	15	15	15	NA
EC4810 lec FAULT TOLERANT COMPTR	0	13	13	13	13	13	13	NA
EC4810 lab FAULT TOLERANT COMPTR	0	13	13	13	13	13	13	NA
EC4820 lec ADV COMPTR ARCHITECTU	0	25	25	25	25	25	25	NA
EC4820 lab ADV COMPTR ARCHITECTU	0	25	25	25	25	25	25	NA
EC4820 lec COMPTR ARCHITECTURES	15	0	15	15	15	15	15	NA
EC4820 lab COMPTR ARCHITECTURES	15	0	15	15	15	15	15	NA
EC4830 lec DIGITAL COMP DESIGN	19	26	26	26	26	26	26	NA
EC4830 lab DIGITAL COMP DESIGN	19	26	26	26	26	26	26	NA
EC4850 lec COMP COMM METHODS	28	23	23	23	23	23	23	NA
EC4870 lec VLSI SYSTEMS DESIGN	13	19	19	19	19	19	19	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4870 lab VLSI SYSTEMS DESIGN	13	19	19	19	19	19	19	NA
EC4900 lec ADA ENGINEERING APPLI	2	0	2	2	2	2	2	NA
EC4900 lab ACOUSTIC SIGNAL LOCAL	1	0	1	1	1	1	1	NA
EC4900 lec ADV UNIX PROGRAMMING	1	0	1	1	1	1	1	NA
EC4900 lab ACOUSTIC SIGNAL PROCE	1	0	1	1	1	1	1	NA
EC4900 lec ADV VLSI DESIGN	0	7	7	7	7	7	7	NA
EC4900 lab ANALOG VLSI	0	2	2	2	2	2	2	NA
EC4900 lab DITHER SIGNALS APPL	0	1	1	1	1	1	1	NA
EC4900 lec CLASS. & ARCHIRING	1	0	1	1	1	1	1	NA
EC4900 lab FUND OF GAAS DESIGN	0	1	1	1	1	1	1	NA
EC4900 lec COMPUTER SECURITY	1	0	1	1	1	1	1	NA
EC4900 lab MULTI DIMEN DIGIT SIG	0	1	1	1	1	1	1	NA
EC4900 lec CYCLIC SPECTRUM ANALY	1	0	1	1	1	1	1	NA
EC4900 lab NETWORK PROGRAMMING	1	0	1	1	1	1	1	NA
EC4900 lec DGS ALGORITHM	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lab SPEAKER RECOGNITION	1	0	1	1	1	1	1	NA
EC4900 lec LINK ENHANC DIST SYS	1	0	1	1	1	1	1	NA
EC4900 lab SPECIAL TOPICS IN EE	1	1	1	1	1	1	1	NA
EC4900 lec MICROWAVE CIRCUITS	0	1	1	1	1	1	1	NA
EC4900 lab ACC REV ELECTROMGNETI	0	1	1	1	1	1	1	NA
EC4900 lec MODEL OF DYNAMIC SYST	1	0	1	1	1	1	1	NA
EC4900 lab ADV DIGITAL IC DESIGN	0	1	1	1	1	1	1	NA
EC4900 lec RISC MICRO ARCHITECTU	1	0	1	1	1	1	1	NA
EC4900 lab ADVANCED VLSI DESIGN	1	0	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	0	1	1	1	1	1	1	NA
EC4900 lab INTEGRATED OPTICS	0	1	1	1	1	1	1	NA
EC4900 lec STUDY OF SILICON COMP	1	0	1	1	1	1	1	NA
EC4900 lab MICROWAVE CIRCUITS	0	1	1	1	1	1	1	NA
EC4900 lec VIRTUAL REAL LAB VIEW	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lab RAD HARD MICRO SPACE	1	0	1	1	1	1	1	NA
EC4900 lec ADV DIGITAL IC DESIGN	0	1	1	1	1	1	1	NA
EC4900 lab SONAR RANGE ENHANCEME	1	0	1	1	1	1	1	NA
EC4900 lec ADV VSLI DESIGN	0	1	1	1	1	1	1	NA
EC4900 lab SPEC TOP IN SIGNAL PR	1	0	1	1	1	1	1	NA
EC4900 lec APP BACK PROPAGATION	1	0	1	1	1	1	1	NA
EC4900 lab VIRTUAL REAL LAB VIEW	0	1	1	1	1	1	1	NA
EC4900 lec ARMA MODEL TRANSIENT	1	0	1	1	1	1	1	NA
EC4900 lec DIRECTION FIND TECHNI	2	0	2	2	2	2	2	NA
EC4900 lab COMPUTER SECURITY	1	0	1	1	1	1	1	NA
EC4900 lec DITHER SIGNALS APPL	0	1	1	1	1	1	1	NA
EC4900 lab SPECIAL TOPICS IN EE	0	2	2	2	2	2	2	NA
EC4900 lec JAMMING ON RADAR PERF	1	0	1	1	1	1	1	NA
EC4900 lab STUDY OF SILICON COMP	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lec LUX PRED ALGORITHMS	0	1	1	1	1	1	1	NA
EC4900 lab ADA ENGINEERING APPLI	2	0	2	2	2	2	2	NA
EC4900 lec MULTIRESOLUTION SIGNA	0	1	1	1	1	1	1	NA
EC4900 lab ADV TEST LAYOUT VLSI	0	1	1	1	1	1	1	NA
EC4900 lec NETWORK SECURITY	1	0	1	1	1	1	1	NA
EC4900 lab ADV UNIX PROGRAMMING	1	0	1	1	1	1	1	NA
EC4900 lec NEURAL NET/FUZZY INTE	1	0	1	1	1	1	1	NA
EC4900 lab ADV VLSI DESIGN	1	7	7	7	7	7	7	NA
EC4900 lec NOISE IMPACTS ON COMM	0	1	1	1	1	1	1	NA
EC4900 lab ADV VSLI DESIGN	0	1	1	1	1	1	1	NA
EC4900 lec RADAR PERFORMANCE	1	0	1	1	1	1	1	NA
EC4900 lab ADVANCED SLSI DESIGN	3	0	3	3	3	3	3	NA
EC4900 lec SCI & ATM VIDEO MULTI	0	1	1	1	1	1	1	NA
EC4900 lab CACHE MEMORY BEHAVIOR	0	1	1	1	1	1	1	NA
EC4900 lec SIGNALS INTELLIGENCE	0	26	26	26	26	26	26	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lab CLASS. & ARCHIRING	1	0	1	1	1	1	1	NA
EC4900 lec SIMULATED ANNEALINGS	1	0	1	1	1	1	1	NA
EC4900 lab DGS ALGORITHM	1	0	1	1	1	1	1	NA
EC4900 lec SONAR RANGE ENHANCEME	1	0	1	1	1	1	1	NA
EC4900 lab FILE ARCHIVING AND PA	1	0	1	1	1	1	1	NA
EC4900 lec SPEAKER RECOGNITION	1	0	1	1	1	1	1	NA
EC4900 lab LINK ENHANC DIST SYS	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN ELEC ENGR	1	0	1	1	1	1	1	NA
EC4900 lab NETWORK SECURITY	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN SIGNAL PR	1	0	1	1	1	1	1	NA
EC4900 lab NEURAL NET/FUZZY INTE	1	0	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	1	1	1	1	1	1	1	NA
EC4900 lab RISC MICRO ARCHITECTU	1	0	1	1	1	1	1	NA
EC4900 lec STUDY OF CRYPTOGRAPHY	1	0	1	1	1	1	1	NA
EC4900 lab SIMULATED ANNEALINGS	1	0	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lec TCP/IP PROTOCOLS	1	0	1	1	1	1	1	NA
EC4900 lab STUDY OF CRYPTOGRAPHY	1	0	1	1	1	1	1	NA
EC4900 lec TOOLS FAULT TOLERANT	1	0	1	1	1	1	1	NA
EC4900 lab ADV VLSI LAYOUT & DES	0	2	2	2	2	2	2	NA
EC4900 lec UHF SATELLITE CHANNEL	2	0	2	2	2	2	2	NA
EC4900 lab ADVANCED VSLI DESIGN	2	0	2	2	2	2	2	NA
EC4900 lec VLSI IMPLEMENTATION	0	1	1	1	1	1	1	NA
EC4900 lab VLSI IMPLEMENTATION	0	1	1	1	1	1	1	NA
EC4900 lec WAVELET TRANSFORMS	0	1	1	1	1	1	1	NA
EC4900 lec ACOUSTIC SIGNAL LOCAL	1	0	1	1	1	1	1	NA
EC4900 lec ACOUSTIC SIGNAL PROCE	1	0	1	1	1	1	1	NA
EC4900 lec ADV FOURIER ANALYSIS	1	0	1	1	1	1	1	NA
EC4900 lec ADV TEST LAYOUT VLSI	0	1	1	1	1	1	1	NA
EC4900 lec ADV VLSI DESIGN	1	0	1	1	1	1	1	NA
EC4900 lec ADV VLSI LAYOUT & DES	0	2	2	2	2	2	2	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lec ADVANCED SLSI DESIGN	3	0	3	3	3	3	3	NA
EC4900 lec ADVANCED VSLI DESIGN	2	0	2	2	2	2	2	NA
EC4900 lec ANALOG VLSI	0	2	2	2	2	2	2	NA
EC4900 lec CMPILE TECH GRAIN DAT	1	0	1	1	1	1	1	NA
EC4900 lec COMM SATELLITE SYS EN	1	0	1	1	1	1	1	NA
EC4900 lec COMPILERS DISTR COMPU	0	1	1	1	1	1	1	NA
EC4900 lec DIGITAL SIGPROL TECH	0	1	1	1	1	1	1	NA
EC4900 lec DISC WAVELET TRANSFOR	0	1	1	1	1	1	1	NA
EC4900 lec ELECTRIC MACHINE SIMU	0	1	1	1	1	1	1	NA
EC4900 lec ELECTRO MECHANICAL MA	1	0	1	1	1	1	1	NA
EC4900 lec FUND OF GAAS DESIGN	0	1	1	1	1	1	1	NA
EC4900 lec FUZZY LOGIC VECT QUAN	1	1	1	1	1	1	1	NA
EC4900 lec GAL ARS DIG INTEG CIR	3	0	3	3	3	3	3	NA
EC4900 lec GRP MEMBRSHP PROTOCOL	0	1	1	1	1	1	1	NA
EC4900 lec INTEGRATED OPTICS	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lec LUX ILLUM ANALYSIS	0	1	1	1	1	1	1	NA
EC4900 lec MODERN CTRL THEORY	0	1	1	1	1	1	1	NA
EC4900 lec MULTI DIMEN DIGIT SIG	0	1	1	1	1	1	1	NA
EC4900 lec PARABOLIC APPROXIMATI	0	1	1	1	1	1	1	NA
EC4900 lec RAD HARD MICRO SPACE	1	0	1	1	1	1	1	NA
EC4900 lec RADAR SIGNAL PROCESSI	0	1	1	1	1	1	1	NA
EC4900 lec RELA OF C3I APPS TO C	0	1	1	1	1	1	1	NA
EC4900 lec SIGNAL MODELLING	1	0	1	1	1	1	1	NA
EC4900 lec SPEC TOP IN ELEC ENGR	1	0	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	2	1	1	1	1	1	1	NA
EC4900 lec SPREAD SPECTRUM SYNCH	1	0	1	1	1	1	1	NA
EC4900 lec TROPOSPHERIC PROPAGAT	1	0	1	1	1	1	1	NA
EC4900 lec TURBULENCE IN ATMOSPH	1	0	1	1	1	1	1	NA
EC4900 lec ULTRA WIDEBAND RADAR	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4900 lec ACC REV ELECTROMGNETI	0	1	1	1	1	1	1	NA
EC4900 lec BANDPASS SIG SAMPLING	1	0	1	1	1	1	1	NA
EC4900 lec CACHE MEMORY BEHAVIOR	0	1	1	1	1	1	1	NA
EC4900 lec DATA COMP CODE COMM	0	1	1	1	1	1	1	NA
EC4900 lec LINK ENHANC NETWORK	1	0	1	1	1	1	1	NA
EC4900 lec MODER AND DIGIT CONTR	0	1	1	1	1	1	1	NA
EC4900 lec NAVAL POWER SYSTEM	0	1	1	1	1	1	1	NA
EC4900 lec NETWORK PROGRAMMING	1	0	1	1	1	1	1	NA
EC4900 lec NONLINEAR CTRL SYS	0	1	1	1	1	1	1	NA
EC4900 lec ROUTE FLOW CTRL ATM	0	1	1	1	1	1	1	NA
EC4900 lec SOLID STATE PWR CONVE	0	1	1	1	1	1	1	NA
EC4900 lec SPECIAL TOPICS IN EE	3	1	1	1	1	1	1	NA
EC4900 lec TROPOSPHER WAVE PROPA	1	0	1	1	1	1	1	NA
EC4900 lec ADVANCED VLSI DESIGN	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4910 lec ADVANCED TOPICS IN EE	1	0	1	1	1	1	1	NA
EC4910 lab SPACE POWER	1	0	1	1	1	1	1	NA
EC4910 lec APP METH MATCH LOAD	1	0	1	1	1	1	1	NA
EC4910 lab ROBUST MULTVAR CONTRO	0	13	13	13	13	13	13	NA
EC4910 lec KF APPLICATIONS	0	1	1	1	1	1	1	NA
EC4910 lab UAV/RPV	0	3	3	3	3	3	3	NA
EC4910 lec ROBUST MULTVAR CONTRO	0	13	13	13	13	13	13	NA
EC4910 lec SPACE POWER	1	0	1	1	1	1	1	NA
EC4910 lec WDM FOBER OPTIC NTWKS	0	2	2	2	2	2	2	NA
EC4910 lec SPECTOPICS CTRL THEOR	0	1	1	1	1	1	1	NA
EC4910 lec THERMAL IMAGING TEMP	1	0	1	1	1	1	1	NA
EC4910 lec DATA COMP MOBILE COMM	0	1	1	1	1	1	1	NA
EC4920 lec SPECIAL TOPICS IN EE	1	0	1	1	1	1	1	NA
EC4920 lec TRELLIS CODED MODULAT	4	0	4	4	4	4	4	NA
EC4920 lec OPTICAL ENGINEERING	0	7	7	7	7	7	7	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4940 lec SPECIAL TOPICS IN EE	0	9	9	9	9	9	9	NA
EC4940 lab SPECIAL TOPICS IN EE	0	9	9	9	9	9	9	NA
EC4950 lec SPECIAL TOPICS IN EE	15	11	11	11	11	11	11	NA
EC4960 lec SPECIAL TOPICS IN EE	0	10	10	10	10	10	10	NA
EC4960 lab SPECIAL TOPICS IN EE	0	10	10	10	10	10	10	NA
EC4960 lec SPECIAL TOPICS IN EE	14	0	14	14	14	14	14	NA
EC4970 lec RADAR SIGNAL PROCESSI	15	0	15	15	15	15	15	NA
EC4970 lab SPECIAL TOPICS IN EE	0	5	5	5	5	5	5	NA
EC4970 lec SPECIAL TOPICS IN EE	0	5	5	5	5	5	5	NA
EC4980 lec SPECIAL TOPICS IN EE	10	0	10	10	10	10	10	NA
EC4980 lab SPECIAL TOPICS IN EE	0	8	8	8	8	8	8	NA
EC4980 lec SPECIAL TOPICS IN EE	0	8	8	8	8	8	8	NA
EC4990 lec ESM RECEIVERS	0	1	1	1	1	1	1	NA
EC4990 lab SPECIAL TOPICS IN EE	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EC4990 lec SPECIAL TOPICS IN EE	0	1	1	1	1	1	1	NA
EC4990 lec RADAR SIGNAL PROCESSI	0	13	13	13	13	13	13	NA
EC4990 lec TOPS IN RADAR SIG PRO	1	0	1	1	1	1	1	NA
EC4991 lec ULTRA WIDEBAND RADAR	0	12	12	12	12	12	12	NA
EO2710 lec INTRO TO SIGNAL& SYS	118	135	135	135	135	135	135	NA
EO2710 lab INTRO TO SIGNAL& SYS	118	135	135	135	135	135	135	NA
EO2720 lec INTRO TO ELEC SYSTEMS	13	0	13	13	13	13	13	NA
EO2720 lab INTRO TO ELEC SYSTEMS	13	0	13	13	13	13	13	NA
EO2740 lec INTRO TO LINEAR SYSTM	29	22	22	22	22	22	22	NA
EO2740 lab INTRO TO LINEAR SYSTM	29	22	22	22	22	22	22	NA
EO2750 lec COMMO SYSTEMS	117	131	131	131	131	131	131	NA
EO2750 lab COMMO SYSTEMS	117	131	131	131	131	131	131	NA
EO2760 lec INTRO TO FILEDS, WAVE	11	9	9	9	9	9	9	NA
EO2770 lec ELECTROMAGNETIC ENGRG	11	9	9	9	9	9	9	NA
EO2770 lab ELECTROMAGNETIC ENGRG	11	9	9	9	9	9	9	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EO2790 lec SURVEY OF COMM SYSTEM	4	0	4	4	4	4	4	NA
EO3512 lec COMMUN&COUNTERMEASURE	0	9	9	9	9	9	9	NA
EO3512 lab COMMUN&COUNTERMEASURE	0	9	9	9	9	9	9	NA
EO3720 lec ANALY RANDOM SIGNALS	34	24	24	24	24	24	24	NA
EO3720 lab ANALY RANDOM SIGNALS	34	24	24	24	24	24	24	NA
EO3740 lec SPACE POWER & RADIATI	31	34	34	34	34	34	34	NA
EO3740 lab SPACE POWER & RADIATI	31	34	34	34	34	34	34	NA
EO3750 lec COMM SYSTEM ANALYSIS	70	148	148	148	148	148	148	NA
EO3760 lec ELECTROMAG RADIATION	9	12	12	12	12	12	12	NA
EO3760 lab ELECTROMAG RADIATION	9	12	12	12	12	12	12	NA
EO3780 lec ELEC WARFARE,COMPUTER	11	9	9	9	9	9	9	NA
EO3780 lab ELEC WARFARE,COMPUTER	11	9	9	9	9	9	9	NA
EO3816 lec COMP ARCH MILITARY AP	0	5	5	5	5	5	5	NA
EO4730 lec ELECTRO-OPTIC SYS/CNT	8	10	10	10	10	10	10	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
EO4730 lab ELECTRO-OPTIC SYS/CNT	8	0	8	8	8	8	8	NA
EO4760 lec MICROWAVE DEV & RADAR	12	9	9	9	9	9	9	NA
EO4760 lab MICROWAVE DEV & RADAR	12	9	9	9	9	9	9	NA
EO4780 lec ELEX WARFARE SYSTEMS	8	10	10	10	10	10	10	NA
EO4780 lab ELEX WARFARE SYSTEMS	8	10	10	10	10	10	10	NA
EO4790 lab UAV/RPF	0	5	5	5	5	5	5	NA
EW0002 lab SEMINAR	144	139	139	139	139	139	139	NA
EW0810+ lab THESIS RESEARCH	0	55	55	55	55	55	55	NA
EW4910 lec CON & APPL IN SPACE E	0	9	9	9	9	9	9	NA
IS0001 lab SEM FOR COMP SYS MGMT	638	679	679	679	679	679	679	NA
IS0123 lab COMPUTER SKILLS DEV	169	264	264	264	264	264	264	NA
IS0810+ lab THESIS RESEARCH	0	202	202	202	202	202	202	NA
IS2000 lec INTRO TO COMPUTER MGT	79	67	67	67	67	67	67	NA
IS2000 lab INTRO TO COMPUTER MGT	79	67	67	67	67	67	67	NA
IS3020 lec SOFWARE DESIGN	73	102	102	102	102	102	102	NA
IS3020 lab SOFWARE DESIGN	73	102	102	102	102	102	102	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS3170 lec ECON EVAL INFO SYS I	45	77	77	77	77	77	77	NA
IS3171 lec ECON EVAL INFO SYS II	59	80	80	80	80	80	80	NA
IS3183 lec MGMT INFO SYSTEMS	203	165	165	165	165	165	165	NA
IS3502 lec CMPTR NETWORKS: WA/LA	43	105	105	105	105	105	105	NA
IS3503 lec MICROCOMPUTER NETWORK	19	20	20	20	20	20	20	NA
IS3503 lab MICROCOMPUTER NETWORK	19	20	20	20	20	20	20	NA
IS4182 lec INFO SYSTS MGMT	99	65	65	65	65	65	65	NA
IS4183 lec APPL OF DATABASE MGT	110	83	83	83	83	83	83	NA
IS4183 lab APPL OF DATABASE MGT	110	83	83	83	83	83	83	NA
IS4184 lec INFO RESOURCE MGMT	38	0	38	38	38	38	38	NA
IS4185 lec DECISION SUPPORT SYST	102	90	90	90	90	90	90	NA
IS4185 lab DECISION SUPPORT SYST	102	90	90	90	90	90	90	NA
IS4200 lec SYST ANALY & DESIGN	104	83	83	83	83	83	83	NA
IS4300 lec SOFTWARE ENGRG & MGMT	93	86	86	86	86	86	86	NA
IS4320 lec DBASE & INFORM RES C3	34	36	36	36	36	36	36	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS4502 lec TELECOMMUNICATIONS NE	44	101	101	101	101	101	101	NA
IS4800 lec IMPLEM ANDREW TOOLKIT	0	1	1	1	1	1	1	NA
IS4800 lab ADV TOP IN DATA MODEL	0	1	1	1	1	1	1	NA
IS4800 lec DIR STUD ADV INFO SYS	1	0	1	1	1	1	1	NA
IS4800 lab DIR STUD ADV INFO SYS	0	1	1	1	1	1	1	NA
IS4800 lec MULTIMEDIA INFO DESIG	0	4	4	4	4	4	4	NA
IS4800 lab EVAL ACADEMIC RESOURC	0	2	2	2	2	2	2	NA
IS4800 lec OPTICAL INFO SYSTEMS	1	0	1	1	1	1	1	NA
IS4800 lab MULTIMEDIA INFO DESIG	0	4	4	4	4	4	4	NA
IS4800 lec REFINE	0	2	2	2	2	2	2	NA
IS4800 lec SYS ANALY & DESIGN	0	1	1	1	1	1	1	NA
IS4800 lec SYS DEVEL USING AI	0	1	1	1	1	1	1	NA
IS4800 lec ADV INFO SYS	1	0	1	1	1	1	1	NA
IS4800 lec ADV TOP IN DATA MODEL	0	1	1	1	1	1	1	NA
IS4800 lec ADV WIRE LOCAL NETWOR	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS4800 lec APPL THEILS INEQ TEST	1	0	1	1	1	1	1	NA
IS4800 lec ARTIFICIAL INTELLIGEN	0	1	1	1	1	1	1	NA
IS4800 lec BUSINESS PROCESS REEN	0	1	1	1	1	1	1	NA
IS4800 lec CALS RESEARCH	0	1	1	1	1	1	1	NA
IS4800 lec CHANGE IMPLEMENTATION	0	1	1	1	1	1	1	NA
IS4800 lec COMP SUPT COLLABORATI	0	1	1	1	1	1	1	NA
IS4800 lec COST BENEFIT ANL ADP	1	0	1	1	1	1	1	NA
IS4800 lec DBASE PROJECT	1	0	1	1	1	1	1	NA
IS4800 lec DIR STUD ADV INFO SYS	7	7	7	7	7	7	7	NA
IS4800 lec DIR STUD INFO TECHNOL	1	0	1	1	1	1	1	NA
IS4800 lec DOD DOCUMENTATION	0	1	1	1	1	1	1	NA
IS4800 lec DYN DEC SYS SIM IN C	0	1	1	1	1	1	1	NA
IS4800 lec DYNAMIC DECISION SYS	0	1	1	1	1	1	1	NA
IS4800 lec ECON TECH INFO SYSTEM	0	1	1	1	1	1	1	NA
IS4800 lec EMBEDDED COMP SYSTEMS	0	1	1	1	1	1	1	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS4800 lec EVAL ACADEMIC RESOURC	0	2	2	2	2	2	2	NA
IS4800 lec EVAL OF UNIX O.S.	0	1	1	1	1	1	1	NA
IS4800 lec EXPERT SYS DEVELOPMEN	0	2	2	2	2	2	2	NA
IS4800 lec FOCUS GRP RES. FOR MU	0	1	1	1	1	1	1	NA
IS4800 lec GENETIC PROGRAMMING	0	1	1	1	1	1	1	NA
IS4800 lec GEOGRAPHIC INFO SYSTE	0	1	1	1	1	1	1	NA
IS4800 lec GRAPH USER INTER DESI	0	2	2	2	2	2	2	NA
IS4800 lec GROUP DECISION SUP SY	0	3	3	3	3	3	3	NA
IS4800 lec HEALTHCARE PLAN MODEL	0	1	1	1	1	1	1	NA
IS4800 lec INFO SYS DEV COUNTRIE	0	1	1	1	1	1	1	NA
IS4800 lec MEASURING PRODUCTIVIT	0	1	1	1	1	1	1	NA
IS4800 lec MILITARY SATCOM ISSUE	0	1	1	1	1	1	1	NA
IS4800 lec MULTI MEDIA CD ROM	1	0	1	1	1	1	1	NA
IS4800 lec MULTIMEDIA	0	2	2	2	2	2	2	NA
IS4800 lec PROCESS REDESIGN	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS4800 lec PROG IN EXPERT SYS	0	1	1	1	1	1	1	NA
IS4800 lec REQUIREMENTS TRACEABL	0	1	1	1	1	1	1	NA
IS4800 lec SEMANTIC ISSUES HETER	1	0	1	1	1	1	1	NA
IS4800 lec SEMINAR IN INFO SYS	1	0	1	1	1	1	1	NA
IS4800 lec SPEC ADV DBASE APP DE	0	1	1	1	1	1	1	NA
IS4800 lec TCP/IP GOSIP TRANSITI	0	1	1	1	1	1	1	NA
IS4800 lec WINDOWS TOOLKIT PROGR	1	0	1	1	1	1	1	NA
IS4800 lec WIRELESS MOBILE COMMU	0	1	1	1	1	1	1	NA
IS4925 lec MULTIMEDIA AUTHORING	0	1	1	1	1	1	1	NA
IS4925 lab INTRO TO COMP MGMT	0	1	1	1	1	1	1	NA
IS4925 lec INTRO TO COMP MGMT	0	1	1	1	1	1	1	NA
IS4925 lab MULTIMEDIA AUTHORING	0	1	1	1	1	1	1	NA
IS4925 lec ADV STUDY EXP SYS	2	0	2	2	2	2	2	NA
IS4925 lec EVAL DOD SOFTWARE SYS	1	0	1	1	1	1	1	NA
IS4925 lec MIS IN DOD	0	6	6	6	6	6	6	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
IS4925 lec NETWORK TECH HYPERTAT	2	0	2	2	2	2	2	NA
IS4925 lec SEMINAR INFO SYS	0	1	1	1	1	1	1	NA
IS4925 lec SEMINAR INFO SYSTEMS	1	0	1	1	1	1	1	NA
IT1500 lec AMERICAN LIFE & INST	61	89	89	89	89	89	89	NA
MA0117 lec REFRESHER MATH	116	82	82	82	82	82	82	NA
MA0117 lab REFRESHER MATH	116	82	82	82	82	82	82	NA
MA0118 lec REFRESHER MATH	37	54	54	54	54	54	54	NA
MA0118 lab REFRESHER MATH	37	54	54	54	54	54	54	NA
MA0125 lec LOGIC & SET THEORY	55	82	82	82	82	82	82	NA
MA0142 lec RFRSHR: MATRIX ALGEBR	60	105	105	105	105	105	105	NA
MA0810+ lab THESIS RESEARCH	0	35	35	35	35	35	35	NA
MA1042 lec MATRIX ALGEBRA	214	196	196	196	196	196	196	NA
MA1117 lec SINGLE VARIABLE CALC	263	269	269	269	269	269	269	NA
MA1117 lab SINGLE VARIABLE CALC	263	269	269	269	269	269	269	NA
MA1118 lec MULTIVARIABLE CALC	278	307	307	307	307	307	307	NA
MA1118 lab MULTIVARIABLE CALC	278	307	307	307	307	307	307	NA
MA1248 lec APPL MATH C3,SS,COM	147	137	137	137	137	137	137	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MA1248 lab APPL MATH C3,SS,COM	147	137	137	137	137	137	137	NA
MA2025 lec BRIDGE TO ADV MATH	71	69	69	69	69	69	69	NA
MA2025 lab BRIDGE TO ADV MATH	71	69	69	69	69	69	69	NA
MA2049 lec VECTOR ANALYSIS	236	145	145	145	145	145	145	NA
MA2121 lec DIFFERENTIAL EQUATION	322	295	295	295	295	295	295	NA
MA2138 lec TOP CALC & DIFF EQNS	27	20	20	20	20	20	20	NA
MA2300 lec MATH FOR MANAGEMENT	169	165	165	165	165	165	165	NA
MA3026 lec DISCRETE MATH	60	66	66	66	66	66	66	NA
MA3042 lec LINEAR ALGEBRA	125	156	156	156	156	156	156	NA
MA3046 lec MATRX & COMP LNR ALGE	15	14	14	14	14	14	14	NA
MA3046 lab MATRX & COMP LNR ALGE	15	14	14	14	14	14	14	NA
MA3110 lec INTERMED ANALYSIS	84	97	97	97	97	97	97	NA
MA3132 lec PART DIFF EQ INT TRAN	225	197	197	197	197	197	197	NA
MA3139 lec FOURIER ANALY,DIFF EQ	41	25	25	25	25	25	25	NA
MA3232 lec NUMERICAL ANALYSIS	38	57	57	57	57	57	57	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MA3232 lab NUMERICAL ANALYSIS	38	57	57	57	57	57	57	NA
MA3243 lec NUM METH PAR DIFF EQ	18	0	18	18	18	18	18	NA
MA3243 lab NUM METH PAR DIFF EQ	18	0	18	18	18	18	18	NA
MA3393 lec TOPICS IN APPLIED MAT	11	3	3	3	3	3	3	NA
MA3400 lec MATH MODELING PROCESS	20	15	15	15	15	15	15	NA
MA3560 lec MODERN APPLIED ALGEBR	11	11	11	11	11	11	11	NA
MA3605 lec FUND OF ANALYSIS I	14	12	12	12	12	12	12	NA
MA3606 lec FUND OF ANALYSIS II	13	10	10	10	10	10	10	NA
MA3610 lec INTRO, GEN TOPOLOGY	4	9	9	9	9	9	9	NA
MA3675 lec COMPLEX VARIABLE I	14	7	7	7	7	7	7	NA
MA3676 lec COMPLEX VARIABLE II	6	8	8	8	8	8	8	NA
MA3730 lec NUMERICAL COMPUTATION	3	0	3	3	3	3	3	NA
MA4026 lec COMBINATORIAL MATHEMA	6	7	7	7	7	7	7	NA
MA4027 lec GRAPH THEORY & APPLIC	4	8	8	8	8	8	8	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MA4103 lec THESIS TOPICS SEMINAR	4	11	11	11	11	11	11	NA
MA4230 lec NUMRCL FUNCTIONAL ANA	2	0	2	2	2	2	2	NA
MA4237 lec ADV TOP IN NUM ANALYS	1	2	2	2	2	2	2	NA
MA4237 lab ADV TOPICS, NUM ANALY	0	1	1	1	1	1	1	NA
MA4237 lec ADV TOPICS, NUM ANALY	0	3	3	3	3	3	3	NA
MA4237 lec ADV TOPICS, NUM ANALY	3	3	3	3	3	3	3	NA
MA4243 lec NUMERICAL SOL DIFF PR	3	0	3	3	3	3	3	NA
MA4243 lab NUMERICAL SOL DIFF PR	3	0	3	3	3	3	3	NA
MA4245 lec FINITE ELEMENT METHOD	1	0	1	1	1	1	1	NA
MA4248 lec MATRIX COMPUTATIONS	10	0	10	10	10	10	10	NA
MA4248 lab MATRIX COMPUTATIONS	10	0	10	10	10	10	10	NA
MA4261 lec PARALLEL SCIEN COMPUT	0	5	5	5	5	5	5	NA
MA4261 lab PARALLEL SCIEN COMPUT	0	5	5	5	5	5	5	NA
MA4303 lec REGRESSION ANALYSIS	0	3	3	3	3	3	3	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MA4311 lec CALCULUS OF VARIATION	1	2	2	2	2	2	2	NA
MA4322 lec PRIN & TECH APLD MATH	4	12	12	12	12	12	12	NA
MA4323 lec PRIN & TECH APL MATHI	4	10	10	10	10	10	10	NA
MA4362 lec ORBITAL MECHANICS	14	11	11	11	11	11	11	NA
MA4372 lec INTEGRAL TRANSFORMS	2	5	5	5	5	5	5	NA
MA4391 lec ANL METH, FLUID DYN	0	5	5	5	5	5	5	NA
MA4392 lec NUM METH,FLUID DYN	0	1	1	1	1	1	1	NA
MA4393 lec MULTIGRID,LEVEL METHO	1	0	1	1	1	1	1	NA
MA4393 lab SCIENT SFTWRE COMPUTA	0	1	1	1	1	1	1	NA
MA4393 lec ELAS & BEAM VIBRATION	0	1	1	1	1	1	1	NA
MA4393 lab TOPICS, APPL MATH	0	1	1	1	1	1	1	NA
MA4393 lec FOURIER ANL & TRANSF	0	1	1	1	1	1	1	NA
MA4393 lab MULTIGRID,LEVEL METHO	1	0	1	1	1	1	1	NA
MA4393 lec SCIENT SFTWRE COMPUTA	0	1	1	1	1	1	1	NA
MA4393 lec SEMINAR IN CHAOS	0	5	5	5	5	5	5	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MA4393 lec TENSOR ANALYSIS	1	0	1	1	1	1	1	NA
MA4393 lec TOPICS, APPL MATH	6	12	12	12	12	12	12	NA
MA4560 lec CODING & INFO THEORY	2	0	2	2	2	2	2	NA
MA4565 lec MODERN ADV ALGEBRA	2	5	5	5	5	5	5	NA
MA4570 lec CRYPTOGRAPHY	2	0	2	2	2	2	2	NA
MA4593 lec TOPICS IN ALGEBRA	3	2	2	2	2	2	2	NA
MA4595 lec FAST SIG ALGORITHMS	0	1	1	1	1	1	1	NA
MA4620 lec THEORY OF ORD DIFF EQ	2	0	2	2	2	2	2	NA
MA4635 lec REAL VARIABLES I	3	5	5	5	5	5	5	NA
MA4636 lec REAL VARIABLES II	3	2	2	2	2	2	2	NA
MA4693 lec SPECIAL FUNCTIONS	0	1	1	1	1	1	1	NA
MA4693 lec TOPICS IN ANALYSIS	1	0	1	1	1	1	1	NA
ME0810+ lab THESIS RESEARCH	0	134	134	134	134	134	134	NA
ME0951 lab SEMINARS	127	95	95	95	95	95	95	NA
ME1000 lec PREP, PROF ENG REGIST	13	27	27	27	27	27	27	NA
ME2101 lec ENGRG THERMODYNAMICS	41	43	43	43	43	43	43	NA
ME2101 lab ENGRG THERMODYNAMICS	41	43	43	43	43	43	43	NA
ME2201 lec INTRO,FLUID MECHANICS	59	46	46	46	46	46	46	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
ME2201 lab INTRO,FLUID MECHANICS	59	46	46	46	46	46	46	NA
ME2301 lec INTRO NAVAL ARCHITECT	16	0	16	16	16	16	16	NA
ME2301 lab INTRO NAVAL ARCHITECT	16	0	16	16	16	16	16	NA
ME2440 lec DIGITAL COMP ENGR TOO	50	31	31	31	31	31	31	NA
ME2441 lab ENGRG COMPUTATION LAB	50	31	31	31	31	31	31	NA
ME2501 lec STATICS	64	31	31	31	31	31	31	NA
ME2502 lec DYNAMICS	49	35	35	35	35	35	35	NA
ME2502 lab DYNAMICS	49	35	35	35	35	35	35	NA
ME2601 lec MECHANICS OF SOLIDS	61	61	61	61	61	61	61	NA
ME2601 lab MECHANICS OF SOLIDS	61	61	61	61	61	61	61	NA
ME2801 lec INTRO ENGR SYS DYNAMI	51	50	50	50	50	50	50	NA
ME2801 lab INTRO ENGR SYS DYNAMI	51	50	50	50	50	50	50	NA
ME3150 lec HEAT TRANSFER	51	45	45	45	45	45	45	NA
ME3150 lab HEAT TRANSFER	0	45	45	45	45	45	45	NA
ME3150 lab HEAT TRANSFER	51	0	51	51	51	51	51	NA
ME3201 lec INTERMED FLUID MECH	58	42	42	42	42	42	42	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
ME3201 lab INTERMED FLUID MECH	58	42	42	42	42	42	42	NA
ME3220 lec STEAM PWR,REFRIG,TURB	54	43	43	43	43	43	43	NA
ME3220 lab STEAM PWR,REFRIG,TURB	54	43	43	43	43	43	43	NA
ME3240 lec GAS TURBINE PLANTS	62	53	53	53	53	53	53	NA
ME3241 lab POWER PLANTS LAB	62	53	53	53	53	53	53	NA
ME3410 lec MECH ENG & INST MEASU	68	57	57	57	57	57	57	NA
ME3410 lab MECH ENG & INST MEASU	68	57	57	57	57	57	57	NA
ME3440 lec ENGINEERING ANALYSIS	13	44	44	44	44	44	44	NA
ME3521 lec MECHANICAL VIBRATION	73	47	47	47	47	47	47	NA
ME3521 lab MECHANICAL VIBRATION	73	47	47	47	47	47	47	NA
ME3611 lec MECHANICS OF SOLIDS I	47	57	57	57	57	57	57	NA
ME3711 lec DESIGN, MACHINE ELEMT	64	39	39	39	39	39	39	NA
ME3711 lab DESIGN, MACHINE ELEMT	64	39	39	39	39	39	39	NA
ME3801 lec LINEAR CONTROL SYSTEM	46	54	54	54	54	54	54	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
ME3802 lab CONTROLS LABORATORY	46	55	55	55	55	55	55	NA
ME4160 lec APPL OF HEAT TRANSFER	15	7	7	7	7	7	7	NA
ME4161 lec CONDUCTION HEAT TRANS	18	9	9	9	9	9	9	NA
ME4162 lec CONVECTION HEAT TRANS	18	11	11	11	11	11	11	NA
ME4163 lec RADIATION HEAT TRANSF	0	8	8	8	8	8	8	NA
ME4211 lec HYDRODYNAMICS	6	15	15	15	15	15	15	NA
ME4220 lec VISCOUS FLOW	29	0	29	29	29	29	29	NA
ME4522 lec VIBRATION,NOISE,SHOCK	10	17	17	17	17	17	17	NA
ME4525 lec SHOCK DESIGN & ANALYS	8	5	5	5	5	5	5	NA
ME4550 lec RANDOM VIBRATIONS	13	10	10	10	10	10	10	NA
ME4550 lab RANDOM VIBRATIONS	13	10	10	10	10	10	10	NA
ME4612 lec ADV MECH OF SOLIDS	16	13	13	13	13	13	13	NA
ME4613 lec FINITE ELEMENT METHOD	26	19	19	19	19	19	19	NA
ME4620 lec THEORY, CONT MEDIA	8	0	8	8	8	8	8	NA
ME4721 lec MARINE VEHICLE DESIGN	26	0	26	26	26	26	26	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
ME4721 lab MARINE VEHICLE DESIGN	26	0	26	26	26	26	26	NA
ME4722 lec MARINE ENGRG DESIGN	7	12	12	12	12	12	12	NA
ME4722 lab MARINE ENGRG DESIGN	7	12	12	12	12	12	12	NA
ME4731 lec ENGRG DES OPTIMIZATIO	15	14	14	14	14	14	14	NA
ME4811 lec MODERN CONTROL SYSTEM	13	33	33	33	33	33	33	NA
ME4811 lab MODERN CONTROL SYSTEM	13	33	33	33	33	33	33	NA
ME4812 lec FLUID POWER CONTROL	15	8	8	8	8	8	8	NA
ME4813 lab FLUID POWER LAB	15	8	8	8	8	8	8	NA
ME4821 lec ADVANCED DYNAMICS	19	21	21	21	21	21	21	NA
ME4821 lab ADVANCED DYNAMICS	19	21	21	21	21	21	21	NA
ME4823 lec DYNAMICS OF MARINE VE	7	20	20	20	20	20	20	NA
ME4902 lec ADV TOP IN HYDRODYNAM	1	1	1	1	1	1	1	NA
ME4902 lec NAV SHIP SHOCK DES AN	0	3	3	3	3	3	3	NA
MN0001 lab SEM ADMIN SCI	1014	1149	1149	1149	1149	1149	1149	NA
MN0810+ lab THESIS RESEARCH	0	447	447	447	447	447	447	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN2031 lec ECON DECISION MAKING	133	125	125	125	125	125	125	NA
MN2039 lec QUANTI METHO ECON ANA	0	16	16	16	16	16	16	NA
MN2111 lab MNPWR PERS & TRNG I	33	28	28	28	28	28	28	NA
MN2112 lab MNPWR PERS & TRNG II	40	22	22	22	22	22	22	NA
MN2113 lab MNPWR PERS & TRNG III	38	25	25	25	25	25	25	NA
MN2150 lec FINANCIAL ACCTNG	190	194	194	194	194	194	194	NA
MN2155 lec ACCOUNTING FOR MGMT	91	81	81	81	81	81	81	NA
MN2302 lab ACQUISITN & CONTRACTN	222	228	228	228	228	228	228	NA
MN2303 lab SEMINAR FOR PROGRM MG	60	121	121	121	121	121	121	NA
MN2998 lec MACRO ECONOMICS	0	3	3	3	3	3	3	NA
MN3105 lec ORGANIZATION & MGT	222	246	246	246	246	246	246	NA
MN3111 lec PERS MGMT PROCESSES	36	54	54	54	54	54	54	NA
MN3140 lec MICROECONOMIC THEORY	159	184	184	184	184	184	184	NA
MN3154 lec FIN MGMT, ARMED FORCE	257	197	197	197	197	197	197	NA
MN3161 lec MANAG ACCOUNTING	194	194	194	194	194	194	194	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN3161 lec MANAGERIAL ACCTG	0	1	1	1	1	1	1	NA
MN3172 lec PUB POLICY PROCESSES	176	246	246	246	246	246	246	NA
MN3301 lec SYS ACQSN & MGMT	251	260	260	260	260	260	260	NA
MN3303 lec ACQUISITION, CONTRACT	41	39	39	39	39	39	39	NA
MN3304 lec CONTRACT PRICING & NE	40	40	40	40	40	40	40	NA
MN3304 lab CONTRACT PRICING & NE	40	40	40	40	40	40	40	NA
MN3305 lec CONTRACT ADMIN	32	40	40	40	40	40	40	NA
MN3307 lec ADP ACQUISITION	78	63	63	63	63	63	63	NA
MN3312 lec CONTRACT LAW	39	41	41	41	41	41	41	NA
MN3333 lec MANAGERIAL COMM SKILL	213	219	219	219	219	219	219	NA
MN3334 lab MGNRL COM LAB FOR INT	2	0	2	2	2	2	2	NA
MN3371 lec CONTRACTS MGMT & ADMI	74	69	69	69	69	69	69	NA
MN3372 lec MATERIAL LOGISTICS	43	39	39	39	39	39	39	NA
MN3373 lec TRANSPORTATION MGMT I	15	18	18	18	18	18	18	NA
MN3374 lec PRODUCTION MANAGEMENT	35	61	61	61	61	61	61	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN3375 lec MAT'L HANDLING SYSTEM	15	8	8	8	8	8	8	NA
MN3377 lec INVENTORY MGMT	26	23	23	23	23	23	23	NA
MN3760 lec MANPOWER ECONOMICS I	41	30	30	30	30	30	30	NA
MN3805 lec TQL & THE MILITARY	0	10	10	10	10	10	10	NA
MN3900 lec READING IN ADMIN SCI	2	2	2	2	2	2	2	NA
MN3900 lec READINGS IN UNIT COST	1	0	1	1	1	1	1	NA
MN3900 lec THE STRATEGIS PROCESS	0	2	2	2	2	2	2	NA
MN3902 lab MPT COMP SKILLS ENHAN	41	25	25	25	25	25	25	NA
MN4105 lec MANAGEMENT POLICY	233	194	194	194	194	194	194	NA
MN4106 lec MAN/PER POLICY ANALY	10	38	38	38	38	38	38	NA
MN4110 lec MULTIV MPR DATA ANL	42	25	25	25	25	25	25	NA
MN4110 lab MULTIV MPR DATA ANL	42	25	25	25	25	25	25	NA
MN4111 lec MULTIV MPR DATA ANALI	32	41	41	41	41	41	41	NA
MN4111 lab MULTIV MPR DATA ANALI	32	41	41	41	41	41	41	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN4115 lec TRAINING FUNDATION/MG	43	41	41	41	41	41	41	NA
MN4119 lec SEM,MANPOWER ANALYSIS	11	36	36	36	36	36	36	NA
MN4119 lab SEM,MANPOWER ANALYSIS	0	2	2	2	2	2	2	NA
MN4122 lec PLANNING,CONTROL,EVAL	8	0	8	8	8	8	8	NA
MN4125 lec CHANGE IN COMPLEX ORG	5	94	94	94	94	94	94	NA
MN4127 lec ORGANIZATIONAL THEORY	0	2	2	2	2	2	2	NA
MN4145 lec POLICY ANALYSIS	135	173	173	173	173	173	173	NA
MN4151 lec CONTROL AND AUDITING	70	56	56	56	56	56	56	NA
MN4152 lec CORP FINANCIAL MANAGM	19	28	28	28	28	28	28	NA
MN4153 lec SEM, FINANCIAL MGMT	1	32	32	32	32	32	32	NA
MN4159 lec FINAN REPTG & ANALYSI	27	27	27	27	27	27	27	NA
MN4161 lec FINANCIAL CONTROL SYS	71	64	64	64	64	64	64	NA
MN4162 lec COST ACCOUNTING	73	57	57	57	57	57	57	NA
MN4163 lec TECHNIQUES,FIN CONTRO	0	15	15	15	15	15	15	NA
MN4301 lec CONTRACTING MAJOR SYS	30	41	41	41	41	41	41	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN4302 lec PUB EXPEND/POL & ANL	35	15	15	15	15	15	15	NA
MN4305 lec DEF TECHNOLOGY POLICY	0	34	34	34	34	34	34	NA
MN4307 lec PGM MGT POLICY/CONTRO	10	7	7	7	7	7	7	NA
MN4310 lec LOGISTICS ENGINEERING	54	71	71	71	71	71	71	NA
MN4371 lec ACQUIS & CONTR POLICY	39	40	40	40	40	40	40	NA
MN4372 lec ACQ MGMT SOFTWRE	1	0	1	1	1	1	1	NA
MN4372 lec ADV READ ADM SCIENCE	1	0	1	1	1	1	1	NA
MN4372 lec READINGS IN ADMIN SCI	1	0	1	1	1	1	1	NA
MN4372 lec SEM,ACQUSN/CONTR MGMT	0	8	8	8	8	8	8	NA
MN4373 lec TRANSPORT MGMT II	14	12	12	12	12	12	12	NA
MN4376 lec DEFENSE TRANS SYSTEM	24	22	22	22	22	22	22	NA
MN4377 lec TQM/TQL: PHILOS	30	0	30	30	30	30	30	NA
MN4377 lec TQML	0	1	1	1	1	1	1	NA
MN4650 lec MILITARY HEALTH CARE	0	6	6	6	6	6	6	NA
MN4761 lec APPLIED MANPOWER ANL	32	39	39	39	39	39	39	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN4900 lec WRITING WORKSHOP	1	0	1	1	1	1	1	NA
MN4900 lab TOTAL QUALITY LEADERS	0	1	1	1	1	1	1	NA
MN4900 lec CHANGE THEORY	0	1	1	1	1	1	1	NA
MN4900 lec CON ADMIN MGMT	1	0	1	1	1	1	1	NA
MN4900 lec READ TOTL QUAL LEADER	0	4	4	4	4	4	4	NA
MN4900 lec READINGS IN ADMIN SCI	0	2	2	2	2	2	2	NA
MN4900 lec READINGS IN TQL	0	1	1	1	1	1	1	NA
MN4900 lec FOCUS ON TQL	0	9	9	9	9	9	9	NA
MN4900 lec GENETIC ALGORITHMS	0	1	1	1	1	1	1	NA
MN4900 lec GENETIC PROGRAMMING	0	1	1	1	1	1	1	NA
MN4900 lec READINGS IN ADMIN SCI	3	2	2	2	2	2	2	NA
MN4900 lec TOTAL QUALITY LEADERS	0	1	1	1	1	1	1	NA
MN4900 lec BUSINESS REDESIGN	1	0	1	1	1	1	1	NA
MN4900 lec CASE ANALYSIS	1	0	1	1	1	1	1	NA
MN4900 lec CASE STUDY	4	0	4	4	4	4	4	NA
MN4900 lec COMPUTER SECURITY	1	0	1	1	1	1	1	NA
MN4900 lec COST ESTIMATION	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN4900 lec EMPOWRMENT MODEL APPL	0	2	2	2	2	2	2	NA
MN4900 lec I.S. ARCHITECTURES	1	0	1	1	1	1	1	NA
MN4900 lec INTEGRATED CASE	1	0	1	1	1	1	1	NA
MN4900 lec MARKETING PUBLIC SECT	1	0	1	1	1	1	1	NA
MN4900 lec MICROECONOMICS RESEAR	1	0	1	1	1	1	1	NA
MN4900 lec ORGANIZATION LEARNING	1	0	1	1	1	1	1	NA
MN4900 lec PERF MANAGEMENT	0	1	1	1	1	1	1	NA
MN4900 lec READ IN ADM SCIENCE	1	0	1	1	1	1	1	NA
MN4900 lec READINGS IN ADMIN SCI	11	8	8	8	8	8	8	NA
MN4900 lec SEM ON MANPOWER MARKE	2	0	2	2	2	2	2	NA
MN4900 lec SOFTWARE TRACEABILITY	0	1	1	1	1	1	1	NA
MN4900 lec STRATEGIC MOVEMENT	0	2	2	2	2	2	2	NA
MN4900 lec TQM\TQL (MN4377)	0	1	1	1	1	1	1	NA
MN4900 lec WIRELESS LAN'S	0	1	1	1	1	1	1	NA
MN4970 lec SEM, ADMIN SCIENCES	0	9	9	9	9	9	9	NA
MN4970 lec GEN STUDY THESIS SEMI	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MN4970 lec SEM, ADMIN SCIENCES	3	4	4	4	4	4	4	NA
MN4970 lec SOCIOTECHNICAL SYSTEM	0	1	1	1	1	1	1	NA
MN4970 lec STRATEGIC MANAGEMENT	1	0	1	1	1	1	1	NA
MN4970 lec US INDUST POLICY	0	1	1	1	1	1	1	NA
MR0210 lec REF INTRO METEOROLOGY	0	5	5	5	5	5	5	NA
MR0210 lab REF INTRO METEOROLOGY	0	5	5	5	5	5	5	NA
MR0810 lab THESIS RESEARCH	0	49	49	49	49	49	49	NA
MR0999 lec SEM IN METEOROLOGY	15	20	20	20	20	20	20	NA
MR2020 lec COMPUTER/AIR-OCEAN SC	20	20	20	20	20	20	20	NA
MR2020 lab COMPUTER/AIR-OCEAN SC	20	20	20	20	20	20	20	NA
MR2210 lec INTRO TO METEOROL/LAB	18	8	8	8	8	8	8	NA
MR2210 lab INTRO TO METEOROL/LAB	18	8	8	8	8	8	8	NA
MR2413 lec METEOROL, ANTISUB WAR	26	21	21	21	21	21	21	NA
MR2413 lab METEOROL, ANTISUB WAR	26	21	21	21	21	21	21	NA
MR2416 lec METEOROL, ELEC WARFAR	15	16	16	16	16	16	16	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MR2419 lec ATMOSPHERIC FACTOR C3	0	38	38	38	38	38	38	NA
MR3140 lec PROB/STATS AIR OCEAN	11	9	9	9	9	9	9	NA
MR3140 lab PROB/STATS AIR OCEAN	11	9	9	9	9	9	9	NA
MR3150 lec ANALY AIR-OCEAN TIME	23	18	18	18	18	18	18	NA
MR3150 lab ANALY AIR-OCEAN TIME	23	18	18	18	18	18	18	NA
MR3222 lec METEOR ANALYSIS LAB	21	24	24	24	24	24	24	NA
MR3222 lab METEOR ANALYSIS LAB	21	24	24	24	24	24	24	NA
MR3234 lec TROPOS&STRATOS METEOR	27	26	26	26	26	26	26	NA
MR3234 lab TROPOS&STRATOS METEOR	27	26	26	26	26	26	26	NA
MR3250 lec TROPICAL METEOROLOGY	1	0	1	1	1	1	1	NA
MR3252 lec TROPICAL METEOROL/LAB	27	20	20	20	20	20	20	NA
MR3252 lab TROPICAL METEOROL/LAB	27	20	20	20	20	20	20	NA
MR3260 lec OP ATMOSPH PREDICTION	2	5	5	5	5	5	5	NA
MR3262 lec OP ATMOSPH PREDIC/LAB	17	19	19	19	19	19	19	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MR3262 lab OP ATMOSPH PREDIC/LAB	17	19	19	19	19	19	19	NA
MR3321 lec AIR-OCEAN FLUID DYNAM	25	18	18	18	18	18	18	NA
MR3480 lec ATMOS & RADIATIVE PRO	31	33	33	33	33	33	33	NA
MR3480 lab ATMOS & RADIATIVE PRO	31	33	33	33	33	33	33	NA
MR3522 lec SENSG ATMOS/OCEAN LAB	21	14	14	14	14	14	14	NA
MR3522 lab SENSG ATMOS/OCEAN LAB	21	14	14	14	14	14	14	NA
MR4241 lec MESOSCALE METEOROLOGY	8	4	4	4	4	4	4	NA
MR4242 lec ADV TROPICAL METEOROL	6	0	6	6	6	6	6	NA
MR4322 lec DYNAMIC METEOROLOGY	27	25	25	25	25	25	25	NA
MR4323 lec NUM AIR/OCEAN MODELIN	21	17	17	17	17	17	17	NA
MR4323 lab NUM AIR/OCEAN MODELIN	21	17	17	17	17	17	17	NA
MR4413 lec AIR/SEA INTERACTION	18	14	14	14	14	14	14	NA
MR4413 lab AIR/SEA INTERACTION	18	14	14	14	14	14	14	NA
MR4414 lec ADV AIR/SEA INTERACTN	2	0	2	2	2	2	2	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MR4416 lec ELEC&OPTICAL PROPAGAT	20	21	21	21	21	21	21	NA
MR4520 lec TOP, SATELLITE SENSIN	18	11	11	11	11	11	11	NA
MR4800 lec ADV TOPICS IN METEOR	4	12	12	12	12	12	12	NA
MR4900 lec READINGS IN VISUALIZA	0	1	1	1	1	1	1	NA
MR4900 lec SPEC TOPIC METEOROLOG	3	1	1	1	1	1	1	NA
MR4900 lec ATMOSPHERIC MODELING	1	0	1	1	1	1	1	NA
MR4900 lec MARINE BOUNDARY LAYER	1	0	1	1	1	1	1	NA
MR4900 lec MIXED-LAYER MODELING	1	0	1	1	1	1	1	NA
MR4900 lec MTRY BAY WINDS CURREN	0	1	1	1	1	1	1	NA
MR4900 lec OCEAN RESPON TO ATMOS	0	1	1	1	1	1	1	NA
MR4900 lec POLAR LOWS	1	0	1	1	1	1	1	NA
MR4900 lec RAPID CYCLOGENISES	0	1	1	1	1	1	1	NA
MR4900 lec REFRAGATIVE ASSESSMEN	0	1	1	1	1	1	1	NA
MR4900 lec SATELLITE IMAGERY	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MR4900 lec SPEC TOPIC METEOROLOG	15	8	8	8	8	8	8	NA
MR4900 lec SURFACE REMOTE SENSIN	0	1	1	1	1	1	1	NA
MR4900 lec THESIS READING	0	1	1	1	1	1	1	NA
MR4900 lec TROP WAVES DISTURBANC	0	1	1	1	1	1	1	NA
MS2201 lec ENGRG MATERIALS	0	130	130	130	130	130	130	NA
MS2201 lab ENGRG MATERIALS	0	130	130	130	130	130	130	NA
MS3201 lec MATERIALS SCI & ENGRG	91	0	91	91	91	91	91	NA
MS3201 lab MATERIALS SCI & ENGRG	91	0	91	91	91	91	91	NA
MS3202 lec FAILURE ANALY&PREVENT	62	115	115	115	115	115	115	NA
MS3202 lab FAILURE ANALY&PREVENT	62	115	115	115	115	115	115	NA
MS3214 lec INT MATERIAL SCI & EN	0	15	15	15	15	15	15	NA
MS3304 lec CORROSION,MARINE ENVR	6	4	4	4	4	4	4	NA
MS3304 lab CORROSION,MARINE ENVR	6	4	4	4	4	4	4	NA
MS3606 lec JOINING METALLURGY	6	18	18	18	18	18	18	NA
MS3606 lab JOINING METALLURGY	6	18	18	18	18	18	18	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
MS4215 lec PHASE TRANSFORMATIONS	10	7	7	7	7	7	7	NA
MS4215 lab PHASE TRANSFORMATIONS	10	7	7	7	7	7	7	NA
MS4312 lec ADV MTD MATRL CHRACTE	26	8	8	8	8	8	8	NA
MS4312 lab ADV MTD MATRL CHRACTE	26	8	8	8	8	8	8	NA
MS4811 lec MECH BEHAVIOR,ENG MAT	13	20	20	20	20	20	20	NA
MS4822 lec COMPOSITE MATERIALS	5	15	15	15	15	15	15	NA
NS0810+ lab THESIS RESEARCH	0	196	196	196	196	196	196	NA
NS2060 lec GAMING/SIMULATION LAB	18	0	18	18	18	18	18	NA
NS2060 lab GAMING/SIMULATION LAB	18	0	18	18	18	18	18	NA
NS3000 lec MILT HIST:WAR MOD WRL	9	64	64	64	64	64	64	NA
NS3011 lec POL ANLY&RES METH ARE	120	119	119	119	119	119	119	NA
NS3011 lab POL ANLY&RES METH ARE	79	119	119	119	119	119	119	NA
NS3012* lec FRCSTNG&RES METH ST P	23	0	23	23	23	23	23	NA
NS3012* lab FRCSTNG&RES METH ST P	23	0	23	23	23	23	23	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3012* lec GAMING&SIMU STRAT PLA	7	9	9	9	9	9	9	NA
NS3012* lab GAMING&SIMU STRAT PLA	7	9	9	9	9	9	9	NA
NS3013 lec FORCSTNG FOR STRAT PL	18	0	18	18	18	18	18	NA
NS3013 lab FORCSTNG FOR STRAT PL	18	0	18	18	18	18	18	NA
NS3023* lec INT'L REL & COMP POLI	83	0	83	83	83	83	83	NA
NS3023* lec INTRO COMPARTIVE POLI	0	123	123	123	123	123	123	NA
NS3024 lec INTRO INT'L RELATIONS	0	63	63	63	63	63	63	NA
NS3030 lec AMER NATL SEC POLICY	110	121	121	121	121	121	121	NA
NS3035 lec U.S. FOREIGN POLICY	41	0	41	41	41	41	41	NA
NS3036 lec MIL & POL IN THE WORL	23	24	24	24	24	24	24	NA
NS3037 lec CONGRESS IN NATL POLC	33	56	56	56	56	56	56	NA
NS3038 lec INTL POWER & POLICY	39	49	49	49	49	49	49	NA
NS3040 lec POLITICS, ECON RELATN	46	74	74	74	74	74	74	NA
NS3041 lec COMPARATIVE ECON SYST	45	50	50	50	50	50	50	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3079 lec COLLECTIVE SECURITY	0	1	1	1	1	1	1	NA
NS3079 lec CONGRESS	0	1	1	1	1	1	1	NA
NS3079 lec DIRECTED STUDIES NSA	0	2	2	2	2	2	2	NA
NS3079 lec ECON US DEFENSE POLIC	0	1	1	1	1	1	1	NA
NS3079 lec EUROPEAN SEC INSTITUT	0	4	4	4	4	4	4	NA
NS3079 lec MIL THOUGHT PAST/PRES	1	0	1	1	1	1	1	NA
NS3079 lec MODERN UKRAINE	0	2	2	2	2	2	2	NA
NS3079 lec NAVAL ORIENTATION	0	1	1	1	1	1	1	NA
NS3079 lec POLI SOCI OF FRENCH N	0	1	1	1	1	1	1	NA
NS3150 lec SCI & TECH OF INTEL	10	0	10	10	10	10	10	NA
NS3151 lec INTELLIGENCE SYSTEMS	16	23	23	23	23	23	23	NA
NS3152 lec NAV WAR/THREAT ENVIRO	19	0	19	19	19	19	19	NA
NS3154 lec INTEL & THE MILITARY	41	0	41	41	41	41	41	NA
NS3159 lec PRNCPL OPRTNL INTLGNC	10	27	27	27	27	27	27	NA
NS3230 lec STRATEGIC PLANNING	29	11	11	11	11	11	11	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3250 lec ECON OF U.S. DEFENSE	13	31	31	31	31	31	31	NA
NS3252 lec JOINT&MARITIME STRG P	786	886	886	886	886	886	886	NA
NS3279 lec DIRECTED STUDIES NSA	1	0	1	1	1	1	1	NA
NS3279 lec INDIAN POLITICS	1	0	1	1	1	1	1	NA
NS3279 lec POL DEV OF INDIA	1	0	1	1	1	1	1	NA
NS3279 lec THE PRESS AND MILITAR	1	0	1	1	1	1	1	NA
NS3279 lec US PROP EFF ON HOMEFR	1	0	1	1	1	1	1	NA
NS3279 lec US STRAT NEW WORLD OR	0	1	1	1	1	1	1	NA
NS3279 lec WAR THEORY NUCLEAR WA	1	0	1	1	1	1	1	NA
NS3280* lec NUC STRAT/NAT SECURIT	0	1	1	1	1	1	1	NA
NS3280* lec NUC WEAPS/FOREIGN POL	20	14	14	14	14	14	14	NA
NS3300* lec FOUND-MID EAST POLITI	16	0	16	16	16	16	16	NA
NS3300* lec HIST & CULT MID EAST	0	23	23	23	23	23	23	NA
NS3310 lec PROBS GOVT,MIDDLE EAS	17	25	25	25	25	25	25	NA
NS3320 lec INTL REL, MIDDLE EAST	16	20	20	20	20	20	20	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3360 lec NO AFRICA, PROBS GOVT	3	22	22	22	22	22	22	NA
NS3361 lec PROBS GOV/SEC ISRAEL	8	13	13	13	13	13	13	NA
NS3362 lec INTL&SEC PROB,ARAB PE	15	0	15	15	15	15	15	NA
NS3400 lec RUSSIA, E EUROPE, ASI	0	19	19	19	19	19	19	NA
NS3400* lec RUSSIA,E EUROPE,ASIA	0	8	8	8	8	8	8	NA
NS3400* lec SOV NATL SEC POLICY	52	0	52	52	52	52	52	NA
NS3401 lec PEOPLE USSR&EASTEUROP	15	0	15	15	15	15	15	NA
NS3410* lec SOVIET NATL SECURITY	27	0	27	27	27	27	27	NA
NS3410* lec WLD AFFAIRS:RUSS,EURO	0	21	21	21	21	21	21	NA
NS3450* lec MIL STRAT RUS EUR ASI	0	19	19	19	19	19	19	NA
NS3450* lec SOVIET MIL STRATEGY	65	38	38	38	38	38	38	NA
NS3460 lec GOV&SECRTY:EAST EUROP	36	13	13	13	13	13	13	NA
NS3501 lec HIST/CULT LATIN AMER	9	8	8	8	8	8	8	NA
NS3510 lec GOVT/SEC LATIN AMER	9	9	9	9	9	9	9	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3520 lec INT REL/SEC LATIN AME	13	6	6	6	6	6	6	NA
NS3600 lec GEOG,HIST,CULTURE-ASI	20	27	27	27	27	27	27	NA
NS3601 lec GEOG/HIST/CULT/SE.ASI	20	12	12	12	12	12	12	NA
NS3620 lec INT CONFL ASIA TO WWI	16	11	11	11	11	11	11	NA
NS3661 lec PROBS, GOVT/SEC, CHIN	22	17	17	17	17	17	17	NA
NS3662 lec PROBS CONTEMP JAPAN	17	9	9	9	9	9	9	NA
NS3663 lec PROBS GOVT/SEC, KOREA	5	18	18	18	18	18	18	NA
NS3667 lec PROB GOVT IN ASIA	10	20	20	20	20	20	20	NA
NS3700 lec HISTORY, EUROPE&RUSSI	7	18	18	18	18	18	18	NA
NS3701 lec EUROPE-USSR POST-1917	11	0	11	11	11	11	11	NA
NS3710 lec PROBS GOVT&SEC EUROPE	7	11	11	11	11	11	11	NA
NS3720 lec NO ATLANTIC ALLIANCE	14	18	18	18	18	18	18	NA
NS3765 lec PROB GOV/SEC NATO FLN	18	0	18	18	18	18	18	NA
NS3800 lec THEORYPRACTICE RE	0	20	20	20	20	20	20	NA
NS3801 lec INT'L TERRIORISM	0	20	20	20	20	20	20	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS3880 lec HIST SPECIAL OPERATIO	0	20	20	20	20	20	20	NA
NS3881 lec MID-LEVEL CONFLICT	0	17	17	17	17	17	17	NA
NS3900 lec INTL ORGS,NEGOTIATION	33	37	37	37	37	37	37	NA
NS3902 lec POLITICAL TERRORISM	26	53	53	53	53	53	53	NA
NS3950 lec SEM ARMS CON & NAT SE	25	0	25	25	25	25	25	NA
NS4030* lec COMP STRATEGIC CULTUR	0	1	1	1	1	1	1	NA
NS4030* lec SPEC TOP NAT SEC POLI	53	26	26	26	26	26	26	NA
NS4031 lec CURRENT ISSUES IN NSA	23	21	21	21	21	21	21	NA
NS4079 lec IMPACT NAVY WHT PAPER	0	1	1	1	1	1	1	NA
NS4079 lec STRAT PLAN HIER PROCE	0	1	1	1	1	1	1	NA
NS4079 lec ADV DIR STUDIES: NSA	7	22	22	22	22	22	22	NA
NS4079 lec ADV TOPICS RUSSIAN SE	0	1	1	1	1	1	1	NA
NS4079 lec AIRPWR LOW INTENSE CO	0	1	1	1	1	1	1	NA
NS4079 lec ARAB-ISRAELI CONFLICT	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS4079 lec COAL MULTILATERAL OPE	0	1	1	1	1	1	1	NA
NS4079 lec COMMON MARKET ANALYSI	1	0	1	1	1	1	1	NA
NS4079 lec DOM PARADIGM CHANGE	0	1	1	1	1	1	1	NA
NS4079 lec GERMAN SECURITY	1	0	1	1	1	1	1	NA
NS4079 lec GOV/POL IN LATIN AMER	1	0	1	1	1	1	1	NA
NS4079 lec INTER TERRORISM	0	1	1	1	1	1	1	NA
NS4079 lec LEAD & POLIT IN SINGA	0	1	1	1	1	1	1	NA
NS4079 lec MODERN UKRAINE	5	0	5	5	5	5	5	NA
NS4079 lec NAT SEC ENVIRNMTL LIN	0	1	1	1	1	1	1	NA
NS4079 lec OVERSEAS CHINESE ASIA	1	0	1	1	1	1	1	NA
NS4079 lec POL THEORY 21ST CENTU	0	3	3	3	3	3	3	NA
NS4079 lec POL/SOCIETY RACISM	0	2	2	2	2	2	2	NA
NS4079 lec PROB GOV, SEC IN CHIN	3	0	3	3	3	3	3	NA
NS4079 lec PROB LATIN AMERICA	1	0	1	1	1	1	1	NA
NS4079 lec PROB OF SEC GOV IN IS	3	0	3	3	3	3	3	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS4079 lec SECURITY PROB LATIN A	1	0	1	1	1	1	1	NA
NS4079 lec SEM LATIN AMERICA GOV	0	1	1	1	1	1	1	NA
NS4079 lec SOUTH ASIA	1	0	1	1	1	1	1	NA
NS4079 lec SOUTH ASIA FOREIGN PO	1	0	1	1	1	1	1	NA
NS4079 lec THE PROB OF CYPRUS	0	1	1	1	1	1	1	NA
NS4079 lec US RELATIONS W MOD SE	0	1	1	1	1	1	1	NA
NS4079 lec WORLDWDE TRENDS PIRAC	0	1	1	1	1	1	1	NA
NS4080 lec RESEARCH COLLOQUIUM	0	52	52	52	52	52	52	NA
NS4152 lec PROB INTL/THREAT ANL	15	0	15	15	15	15	15	NA
NS4159 lec SEMINR:TOPS OPS INTEL	10	7	7	7	7	7	7	NA
NS4179 lec EVOL OF SOVIET NAVY W	1	0	1	1	1	1	1	NA
NS4200 lec SEM NATIONAL INTEREST	0	31	31	31	31	31	31	NA
NS4230 lec SEM STRATEGIC PLANNIN	23	28	28	28	28	28	28	NA
NS4250 lec SEC ASST, ARMS TRANSF	31	36	36	36	36	36	36	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

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Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS4251 lec SEMINAR NET ASSESSMEN	0	12	12	12	12	12	12	NA
NS4253 lec TECH & STRATEGICPLNG	18	0	18	18	18	18	18	NA
NS4261 lec SURVEY, STRAT STUDIES	30	0	30	30	30	30	30	NA
NS4279 lec AMERICAN VALUES	1	0	1	1	1	1	1	NA
NS4279 lec COUNTER-NARCOTICS POL	1	0	1	1	1	1	1	NA
NS4279 lec IDEOLOGY AND STRATEGY	1	0	1	1	1	1	1	NA
NS4279 lec SINOAFRICAN RELATIONS	1	0	1	1	1	1	1	NA
NS4280 lec NUCLEAR STRATEGY&DETE	9	30	30	30	30	30	30	NA
NS4300 lec SEM IN MIDLEASTERN CI	14	12	12	12	12	12	12	NA
NS4310 lec SEC PROB MID EAST	11	15	15	15	15	15	15	NA
NS4410* lec SEM: SECUR RUS EUR AS	0	12	12	12	12	12	12	NA
NS4410* lec SEM: SOVIET SECUR PRO	29	0	29	29	29	29	29	NA
NS4451 lec ADV TOPICS/SOV NAV AF	12	15	15	15	15	15	15	NA
NS4500 lec SEM NATIONAL INTEREST	40	0	40	40	40	40	40	NA
NS4510 lec SEM GVNT POL,LATIN AM	6	6	6	6	6	6	6	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
NS4560 lec INT SEC PROB LAT AMER	7	8	8	8	8	8	8	NA
NS4660 lec ASIA & SOVIET UNION	13	17	17	17	17	17	17	NA
NS4690 lec PROBS ASIA & OCEANS	15	19	19	19	19	19	19	NA
NS4710 lec POL/SEC PROB EUROPE	15	9	9	9	9	9	9	NA
NS4720* lec SEM, SOVIET-EUROPE RE	42	0	42	42	42	42	42	NA
NS4720* lec SEM: EURO SECURITY IS	0	17	17	17	17	17	17	NA
NS4830 lec LIC SEMINAR, MID EAST	0	18	18	18	18	18	18	NA
NS4850 lec ADV SEM:LATIN AMERICA	0	15	15	15	15	15	15	NA
NS4860 lec SEMINARLOW INTEN: ASI	0	13	13	13	13	13	13	NA
NS4900 lec SEM INTL NEGOTIATIONS	22	29	29	29	29	29	29	NA
NS4902 lec SEM REVOLUTION/TERROR	9	0	9	9	9	9	9	NA
OA0001 lab SEM OA STUDENTS	761	617	617	617	617	617	617	NA
OA0200 lec INTRO COMP METH/OR	14	60	60	60	60	60	60	NA
OA0200 lab INTRO COMP METH/OR	14	60	60	60	60	60	60	NA
OA0810+ lab THESIS RESEARCH	0	195	195	195	195	195	195	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA2200 lec COMPUTN METH,OPS RESI	78	88	88	88	88	88	88	NA
OA2200 lab COMPUTN METH,OPS RESI	78	88	88	88	88	88	88	NA
OA2900 lec WORKSHOP IN OR/SA	44	1	1	1	1	1	1	NA
OA2900 lec WORKSHOP IN OR/SA	13	46	46	46	46	46	46	NA
OA2910 lec SEL TOPICS IN OA	13	0	13	13	13	13	13	NA
OA3101 lec PROBABILITY	84	100	100	100	100	100	100	NA
OA3101 lab PROBABILITY	84	100	100	100	100	100	100	NA
OA3102 lec PROBABILITY/STATISTIC	82	96	96	96	96	96	96	NA
OA3102 lab PROBABILITY/STATISTIC	82	96	96	96	96	96	96	NA
OA3103 lec STATISTICS	77	95	95	95	95	95	95	NA
OA3103 lab STATISTICS	77	95	95	95	95	95	95	NA
OA3104 lec DATA ANALYSIS	70	88	88	88	88	88	88	NA
OA3104 lab DATA ANALYSIS	70	88	88	88	88	88	88	NA
OA3105 lec NONPARAMETIC STATS	27	30	30	30	30	30	30	NA
OA3200 lec COMP METHODS FOR OR I	73	0	73	73	73	73	73	NA
OA3200 lab COMP METHODS FOR OR I	73	0	73	73	73	73	73	NA
OA3200 lec COMP METHODS FOR OR I	0	89	89	89	89	89	89	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA3201 lec LINEAR PROGRAMMING	71	87	87	87	87	87	87	NA
OA3201 lab LINEAR PROGRAMMING	71	87	87	87	87	87	87	NA
OA3301 lec STOCHASTIC MODELS I	68	89	89	89	89	89	89	NA
OA3302 lec SYSTEM SIMULATION	73	87	87	87	87	87	87	NA
OA3401 lec HUMAN FACT, SYS DES I	53	70	70	70	70	70	70	NA
OA3402 lec HUMAN FACTORS:SYST DE	5	0	5	5	5	5	5	NA
OA3501 lec INVENTORY I	6	13	13	13	13	13	13	NA
OA3601 lec COMBAT MODELS & GAMES	36	32	32	32	32	32	32	NA
OA3602 lec SEARCH THEORY, DETECT	26	19	19	19	19	19	19	NA
OA3610 lec INTRO NAVAL LOGISTICS	13	13	13	13	13	13	13	NA
OA3900 lec INTRO SYS ANALYSIS	1	0	1	1	1	1	1	NA
OA3900 lec WORKSHOP IN OR/SA	40	0	40	40	40	40	40	NA
OA3900 lec WORKSHOP IN OR/SA	23	55	55	55	55	55	55	NA
OA3910 lec DECOD METH CONF MATR	1	0	1	1	1	1	1	NA
OA4101 lec DESIGN OF EXPERIMENTS	21	20	20	20	20	20	20	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA4101 lab DESIGN OF EXPERIMENTS	21	20	20	20	20	20	20	NA
OA4102 lec REGRESSION MODELS	25	23	23	23	23	23	23	NA
OA4201 lec NONLINEAR & DYN PROGM	68	71	71	71	71	71	71	NA
OA4202 lec NETWORK FLOWS, GRAPHS	72	81	81	81	81	81	81	NA
OA4203 lec MATH PROGRAMMING	18	14	14	14	14	14	14	NA
OA4204 lec GAMES OF STRATEGY	0	6	6	6	6	6	6	NA
OA4301 lec STOCHASTIC MODELS II	60	71	71	71	71	71	71	NA
OA4301 lab STOCHASTIC MODELS II	60	71	71	71	71	71	71	NA
OA4302 lec RELIABLTY WEAPON SYST	40	52	52	52	52	52	52	NA
OA4303 lec QUALITY ASSURANCE	25	29	29	29	29	29	29	NA
OA4304 lec DECISION THEORY	22	13	13	13	13	13	13	NA
OA4305 lec STOCHASTIC MODELS III	3	0	3	3	3	3	3	NA
OA4308 lec TIME SERIES ANALYSIS	5	0	5	5	5	5	5	NA
OA4333 lec SIMULATION METHODOLOG	9	12	12	12	12	12	12	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA4401 lec HUMAN PERFORM EVAL	0	16	16	16	16	16	16	NA
OA4501 lec SEMINAR, SUPPLY SYST	7	12	12	12	12	12	12	NA
OA4601 lec MODLS FOR DECIS MAKIN	0	14	14	14	14	14	14	NA
OA4601 lab MODLS FOR DECIS MAKIN	0	14	14	14	14	14	14	NA
OA4602 lec CAMPAIGN ANALYSIS	36	32	32	32	32	32	32	NA
OA4603 lec TEST AND EVALUATION	56	50	50	50	50	50	50	NA
OA4603 lab TEST AND EVALUATION	56	50	50	50	50	50	50	NA
OA4604 lec WAR GAMING ANALYSIS	32	87	87	87	87	87	87	NA
OA4605 lec OPNS RES, NAV WARFARE	20	26	26	26	26	26	26	NA
OA4607 lec TACTICAL DES & ANALY	19	21	21	21	21	21	21	NA
OA4607 lab TACTICAL DES & ANALY	19	21	21	21	21	21	21	NA
OA4611 lec LOGISTIC NAVAL WARFAR	12	9	9	9	9	9	9	NA
OA4612 lec LOGISTICS	5	11	11	11	11	11	11	NA
OA4654 lec AIRLAND COMBAT MDLS I	16	15	15	15	15	15	15	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA4655 lec AIRLAND COMBAT MDLS I	16	15	15	15	15	15	15	NA
OA4701 lec ECONOMETRICS	0	9	9	9	9	9	9	NA
OA4702 lec COST ESTIMATION	62	53	53	53	53	53	53	NA
OA4704* lec MANPOWER & PERSONNEL	0	1	1	1	1	1	1	NA
OA4704* lec MANPOWER PLANNING	0	1	1	1	1	1	1	NA
OA4704* lec TECH IN MANPOWER MODE	1	4	4	4	4	4	4	NA
OA4910 lec MIN COS ANALYSIS CONF	1	0	1	1	1	1	1	NA
OA4910 lab SKILLED OPERATOR PERF	3	0	3	3	3	3	3	NA
OA4910 lec SEL TOPIC IN OPS ANL	6	1	1	1	1	1	1	NA
OA4910 lab TEST AND EVALUATION	0	2	2	2	2	2	2	NA
OA4910 lec SKILLED OPERATOR PERF	3	0	3	3	3	3	3	NA
OA4910 lec TEST AND EVALUATION	0	2	2	2	2	2	2	NA
OA4910 lec WARGAMING ANALYSIS	0	3	3	3	3	3	3	NA
OA4910 lec FUT THEATER LEV MODEL	0	5	5	5	5	5	5	NA
OA4910 lec HUMAN PERFORMANCE EVA	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OA4910 lec THEORY OF SYS ANALYS	1	0	1	1	1	1	1	NA
OA4930 lec ADV TOPICS SIMULATION	0	2	2	2	2	2	2	NA
OA4930 lab READING OPER ANALYSIS	1	0	1	1	1	1	1	NA
OA4930 lec CATEGORICAL DATA ANL	0	2	2	2	2	2	2	NA
OA4930 lec DESIGN USER INTERFACE	0	1	1	1	1	1	1	NA
OA4930 lec FUZZY SET THEORY	0	1	1	1	1	1	1	NA
OA4930 lec IMPLEMENT OPTIMIZATIO	0	1	1	1	1	1	1	NA
OA4930 lec READING OPER ANALYSIS	1	0	1	1	1	1	1	NA
OC0810 lab THESIS RESEARCH	0	66	66	66	66	66	66	NA
OC0999 lec SEMINAR OCEANOGRAPHY	17	17	17	17	17	17	17	NA
OC2001 lec OCEAN SYSTEMS	3	0	3	3	3	3	3	NA
OC2020 lec COMPTR COMP AIR/OC SC	14	19	19	19	19	19	19	NA
OC2020 lab COMPTR COMP AIR/OC SC	14	19	19	19	19	19	19	NA
OC3120 lec BIOGEOCHEM PROC, OCEA	19	23	23	23	23	23	23	NA
OC3120 lab BIOGEOCHEM PROC, OCEA	19	23	23	23	23	23	23	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC3140 lec PROB/STATS AIR OCEAN	12	11	11	11	11	11	11	NA
OC3140 lab PROB/STATS AIR OCEAN	12	11	11	11	11	11	11	NA
OC3150 lec ANALY AIR-OCEAN TIME	15	17	17	17	17	17	17	NA
OC3150 lab ANALY AIR-OCEAN TIME	15	17	17	17	17	17	17	NA
OC3212 lec POLAR METEOR/OCEANO	21	28	28	28	28	28	28	NA
OC3230 lec DESC PHYSICAL OCEANOG	53	31	31	31	31	31	31	NA
OC3230 lab DESC PHYSICAL OCEANOG	53	31	31	31	31	31	31	NA
OC3240 lec OCEAN CIRCULATION	34	36	36	36	36	36	36	NA
OC3240 lab OCEAN CIRCULATION	34	36	36	36	36	36	36	NA
OC3260 lec SOUND IN THE OCEAN	27	27	27	27	27	27	27	NA
OC3261 lec OCEANIC FACTORS SOUND	8	6	6	6	6	6	6	NA
OC3261 lab OCEANIC FACTORS SOUND	8	6	6	6	6	6	6	NA
OC3266 lec ACOUSTIC FORECASTING	67	0	67	67	67	67	67	NA
OC3266 lab ACOUSTIC FORECASTING	67	38	38	38	38	38	38	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC3266 lec ACOUSTIC FORECASTING	0	38	38	38	38	38	38	NA
OC3321 lec AIR-OCEAN FLUID DYNAM	14	15	15	15	15	15	15	NA
OC3522 lec SENSG ATMOS&OCEAN/LAB	18	13	13	13	13	13	13	NA
OC3522 lab SENSG ATMOS&OCEAN/LAB	18	13	13	13	13	13	13	NA
OC3570 lec OP OCEANO & MET	7	0	7	7	7	7	7	NA
OC3570 lab OP OCEANO & MET	7	0	7	7	7	7	7	NA
OC3570 lec OPER OCEANOGRAPHY	0	15	15	15	15	15	15	NA
OC3570 lab OPER OCEANOGRAPHY	0	15	15	15	15	15	15	NA
OC3903 lec EL SURVEYING & NAVIGA	10	0	10	10	10	10	10	NA
OC4211 lec DYNAMICAL OCEANOGRAPH	34	36	36	36	36	36	36	NA
OC4213 lec NEARSHORE/WAVE PROCES	6	18	18	18	18	18	18	NA
OC4213 lab NEARSHORE/WAVE PROCES	6	18	18	18	18	18	18	NA
OC4220 lec COSTAL OCEANOGRAPHY	0	11	11	11	11	11	11	NA
OC4220 lab COSTAL OCEANOGRAPHY	0	11	11	11	11	11	11	NA
OC4230 lec PHY OCEAN MONTEREY BA	0	7	7	7	7	7	7	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC4262 lec THEORIES & MODELS	5	0	5	5	5	5	5	NA
OC4267 lec INFLUENCES, ACOUSTICS	44	55	55	55	55	55	55	NA
OC4267 lab INFLUENCES, ACOUSTICS	44	0	44	44	44	44	44	NA
OC4323 lec NUM AIR&OCEAN MODELIN	10	13	13	13	13	13	13	NA
OC4323 lab NUM AIR&OCEAN MODELIN	10	13	13	13	13	13	13	NA
OC4331 lec SYNOP/MESOSCALE OCEAN	23	21	21	21	21	21	21	NA
OC4413 lec AIR-SEA INTERACTION	21	22	22	22	22	22	22	NA
OC4413 lab AIR-SEA INTERACTION	21	22	22	22	22	22	22	NA
OC4414 lec ADV AIR-SEA INTERACTN	7	8	8	8	8	8	8	NA
OC4490 lec OCEAN ACOU TOMOGRAPHY	9	3	3	3	3	3	3	NA
OC4520 lec TOP, SATELLITE SENSIN	5	0	5	5	5	5	5	NA
OC4800 lec OCEAN PRO IN GULF CAL	1	0	1	1	1	1	1	NA
OC4800 lab OCEAN PRO IN GULF CAL	1	0	1	1	1	1	1	NA
OC4800 lab ADV TOPICS IN OCEANOG	2	0	2	2	2	2	2	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC4800 lab HORIZ PRESS GRADIENTS	0	1	1	1	1	1	1	NA
OC4900 lec PHYSICAL OCEAN TOPICS	1	0	1	1	1	1	1	NA
OC4900 lab RAY/MODE TOMOGRAPHY	1	0	1	1	1	1	1	NA
OC4900 lec SHALLOW WATER ASW	1	0	1	1	1	1	1	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	1	1	1	1	1	1	1	NA
OC4900 lec GRAVITY AND GEOID	0	1	1	1	1	1	1	NA
OC4900 lec SATELLITE NAVIGATION	1	0	1	1	1	1	1	NA
OC4900 lec TIDAL ANALY OF ADCP D	0	1	1	1	1	1	1	NA
OC4900 lec ACOUSTIC PROP & TOMOG	0	1	1	1	1	1	1	NA
OC4900 lec ADV NEAR SHORE PROCES	0	2	2	2	2	2	2	NA
OC4900 lec AIR/OCEAN CONVECTION	1	0	1	1	1	1	1	NA
OC4900 lec ANTARCTIC OCEAN DYNAM	1	0	1	1	1	1	1	NA
OC4900 lec AVHRR DATA CIRCULATIO	0	1	1	1	1	1	1	NA
OC4900 lec CAL CURRENT SYSTEM	1	0	1	1	1	1	1	NA
OC4900 lec DEEP CONVECTION	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC4900 lec DISPERSN & DIFFUSION	0	1	1	1	1	1	1	NA
OC4900 lec EASTERN BOUND CURRENT	0	1	1	1	1	1	1	NA
OC4900 lec ENERGETICS SEDI TRANS	1	0	1	1	1	1	1	NA
OC4900 lec GLOBAL OCEAN DYNAMICS	0	1	1	1	1	1	1	NA
OC4900 lec OCEAN CONVECTION	1	0	1	1	1	1	1	NA
OC4900 lec OCEAN PREDICTION	3	0	3	3	3	3	3	NA
OC4900 lec POLAR OCEANOGRAPHY	0	1	1	1	1	1	1	NA
OC4900 lec REMOTE SENSING	0	1	1	1	1	1	1	NA
OC4900 lec RIP CURRENTS	1	0	1	1	1	1	1	NA
OC4900 lec SEDIMENT DYNAMICS	1	0	1	1	1	1	1	NA
OC4900 lec SEDIMENT DYNAMICS II	1	0	1	1	1	1	1	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	2	10	10	10	10	10	10	NA
OC4900 lec THERMAL EX/DEEP WATER	1	0	1	1	1	1	1	NA
OC4900 lec THESIS READING	0	2	2	2	2	2	2	NA
OC4900 lec TROPICAL OCEANOGRAPHY	0	1	1	1	1	1	1	NA
OC4900 lec USE OF SUBS IN OCEANO	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OC4900 lec VARIAB OF UPPER OCEAN	0	1	1	1	1	1	1	NA
OS2102 lec APP PROBABILITY FOR E	68	0	68	68	68	68	68	NA
OS2102 lab APP PROBABILITY FOR E	68	0	68	68	68	68	68	NA
OS2103 lec APPL PROBAB SYST TECH	92	75	75	75	75	75	75	NA
OS2103 lab APPL PROBAB SYST TECH	92	75	75	75	75	75	75	NA
OS3001 lec OPNS RES FOR COMP SCI	57	51	51	51	51	51	51	NA
OS3002 lec O.R. FOR NAVAL INTEL	11	12	12	12	12	12	12	NA
OS3003 lec O.R. FOR ELECT WARFAR	14	14	14	14	14	14	14	NA
OS3004 lec OR FOR COMP SYST MGRS	124	82	82	82	82	82	82	NA
OS3006 lec OPNS RESEARCH FOR MGM	195	189	189	189	189	189	189	NA
OS3008 lec ANALYTICAL PLANNING	61	58	58	58	58	58	58	NA
OS3101 lec STAT ANALYSIS FOR MGM	251	202	202	202	202	202	202	NA
OS3101 lab STAT ANALYSIS FOR MGM	251	202	202	202	202	202	202	NA
OS3104 lec STATISTICS, SCI & ENG	47	68	68	68	68	68	68	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
OS3302 lec QUALITY ASSUR/RELIABL	19	14	14	14	14	14	14	NA
OS3303 lec COMPUTER SIMULATION	24	13	13	13	13	13	13	NA
OS3303 lab COMPUTER SIMULATION	24	13	13	13	13	13	13	NA
OS3402 lec HUMAN VIGILANCE PERF	25	21	21	21	21	21	21	NA
OS3402 lab HUMAN VIGILANCE PERF	25	21	21	21	21	21	21	NA
OS3404 lec MAN-MACHINE INTERACTN	132	59	59	59	59	59	59	NA
OS3404 lab MAN-MACHINE INTERACTN	132	59	59	59	59	59	59	NA
OS3601 lec SEARCH, DETECT MODELS	25	16	16	16	16	16	16	NA
OS3602 lec MODELS OF ASW C3 PRCS	19	11	11	11	11	11	11	NA
OS3603 lec SIMULATION/WAR GAMING	43	30	30	30	30	30	30	NA
OS3603 lab SIMULATION/WAR GAMING	43	30	30	30	30	30	30	NA
OS3604 lec DECISION/DATA ANALYSI	105	87	87	87	87	87	87	NA
OS4601 lec TEST AND EVALUATION	66	41	41	41	41	41	41	NA
OS4701 lec MANPOWER & PERS MODEL	32	39	39	39	39	39	39	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH0110 lec REFRESHER PHYSICS	31	42	42	42	42	42	42	NA
PH0110 lab REFRESHER PHYSICS	31	42	42	42	42	42	42	NA
PH0499 lab ACOUSTICS COLLOQ	95	77	77	77	77	77	77	NA
PH0810+ lab THESIS RESEARCH	0	101	101	101	101	101	101	NA
PH0999 lab PHYSICS COLLOQ	134	112	112	112	112	112	112	NA
PH1121 lec BASIC PHYSICS I-MECH	89	74	74	74	74	74	74	NA
PH1121 lab BASIC PHYSICS I-MECH	89	74	74	74	74	74	74	NA
PH1322 lec BASIC PHYS II-ELEC	22	0	22	22	22	22	22	NA
PH1322 lab BASIC PHYS II-ELEC	22	0	22	22	22	22	22	NA
PH1322 lec BASIC PHYS II-ELEC	73	106	106	106	106	106	106	NA
PH2001 lec PHYSICS THESIS OPPOR	18	26	26	26	26	26	26	NA
PH2012 lec PHYSICS LABORATORY I	14	0	14	14	14	14	14	NA
PH2012 lab PHYSICS LABORATORY I	14	0	14	14	14	14	14	NA
PH2013 lec PHYSICS LABORATORY II	16	5	5	5	5	5	5	NA
PH2013 lab PHYSICS LABORATORY II	16	5	5	5	5	5	5	NA
PH2014 lec PHYSICS LABORATORY II	16	0	16	16	16	16	16	NA
PH2014 lab PHYSICS LABORATORY II	16	0	16	16	16	16	16	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH2119 lec OSCILLATIONS AND WAVE	35	12	12	12	12	12	12	NA
PH2119 lab OSCILLATIONS AND WAVE	35	12	12	12	12	12	12	NA
PH2151 lec MECH I - PARTICLE MEC	29	0	29	29	29	29	29	NA
PH2151 lab MECH I - PARTICLE MEC	29	0	29	29	29	29	29	NA
PH2170 lec ANALYTICAL MECHANICS	0	41	41	41	41	41	41	NA
PH2203 lec WAVES & OPTICS	16	13	13	13	13	13	13	NA
PH2207 lec FUND,ELECTRO-OPTICS	19	13	13	13	13	13	13	NA
PH2223 lec BASIC PHYS III:OPTICS	45	0	45	45	45	45	45	NA
PH2223 lab BASIC PHYS III:OPTICS	45	0	45	45	45	45	45	NA
PH2351 lec ELECTROMAGNETISM	22	44	44	44	44	44	44	NA
PH2351 lab ELECTROMAGNETISM	22	44	44	44	44	44	44	NA
PH2401 lec INTRO, SONAR EQUATION	19	13	13	13	13	13	13	NA
PH2410 lec ANALOG ELEX & SIG CON	7	0	7	7	7	7	7	NA
PH2410 lab ANALOG ELEX & SIG CON	7	0	7	7	7	7	7	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH2412 lec DATA ACQUI & ANALYSIS	7	0	7	7	7	7	7	NA
PH2412 lab DATA ACQUI & ANALYSIS	7	0	7	7	7	7	7	NA
PH2511 lec INTRO TO ORBITAL MECH	50	64	64	64	64	64	64	NA
PH2511 lec ORBITAL MECHANICS	0	1	1	1	1	1	1	NA
PH2514 lec INTRO: SPACE ENVIRONM	48	65	65	65	65	65	65	NA
PH2601 lec SURVEY OF MOD PHYSICS	19	9	9	9	9	9	9	NA
PH2601 lab SURVEY OF MOD PHYSICS	19	9	9	9	9	9	9	NA
PH2681 lec INTRO:QUANTUM PHYSICS	20	14	14	14	14	14	14	NA
PH2724 lec BASIC PHYS IV:THERMO	18	0	18	18	18	18	18	NA
PH2911 lec INTRO:COMPTNL PHYSICS	48	57	57	57	57	57	57	NA
PH2911 lab INTRO:COMPTNL PHYSICS	48	57	57	57	57	57	57	NA
PH2990 lec OSCILLATIONS & WAVES	0	49	49	49	49	49	49	NA
PH3002 lec NON-ACOUST SENSOR SYS	18	17	17	17	17	17	17	NA
PH3152 lec MECHANICS II, EXT SYS	16	6	6	6	6	6	6	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH3152 lab MECHANICS II, EXT SYS	16	6	6	6	6	6	6	NA
PH3161 lec FLUID DYNAMICS	37	24	24	24	24	24	24	NA
PH3161 lab FLUID DYNAMICS	37	24	24	24	24	24	24	NA
PH3171 lec EXPLOSIVES & EXPLOSIO	0	59	59	59	59	59	59	NA
PH3208 lec ELEC-OPTIC PRIN & DEV	19	15	15	15	15	15	15	NA
PH3208 lab ELEC-OPTIC PRIN & DEV	19	15	15	15	15	15	15	NA
PH3252 lec ELECTRO-OPTICS	13	7	7	7	7	7	7	NA
PH3292 lec OPTICS&OPTOELECTRONIC	0	35	35	35	35	35	35	NA
PH3292 lab OPTICS&OPTOELECTRONIC	0	35	35	35	35	35	35	NA
PH3352 lec ELECTROMAGNETIC WAVES	21	40	40	40	40	40	40	NA
PH3360 lec ELECTROMAG WAVE PROP	48	61	61	61	61	61	61	NA
PH3360 lab ELECTROMAG WAVE PROP	48	61	61	61	61	61	61	NA
PH3402 lec UNDERWATER ACOUSTICS	20	11	11	11	11	11	11	NA
PH3402 lab UNDERWATER ACOUSTICS	20	11	11	11	11	11	11	NA
PH3410 lec FIBER-OPTIC SYS/ACOUS	7	6	6	6	6	6	6	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH3410 lab FIBER-OPTIC SYS/ACOUS	7	6	6	6	6	6	6	NA
PH3451 lec FUNDAMENTAL ACOUSTICS	11	17	17	17	17	17	17	NA
PH3451 lab FUNDAMENTAL ACOUSTICS	11	17	17	17	17	17	17	NA
PH3452 lec UNDERWATER ACOUSTICS	10	13	13	13	13	13	13	NA
PH3452 lab UNDERWATER ACOUSTICS	10	13	13	13	13	13	13	NA
PH3458 lec NOISE,SHOCK,VIBR CTRL	18	0	18	18	18	18	18	NA
PH3461 lec EXPLOSIVES&EXPLOSIONS	38	0	38	38	38	38	38	NA
PH3479 lec PHYS OF UNDRWTR WPNS	28	27	27	27	27	27	27	NA
PH3513 lec INTERMED ORBTL MECH	2	0	2	2	2	2	2	NA
PH3513 lec INTERMED ORBTL MECH	7	11	11	11	11	11	11	NA
PH3516 lec SPACECRFT ENVR INTRAC	11	2	2	2	2	2	2	NA
PH3683 lec INTER QUANTUM PHYSICS	25	20	20	20	20	20	20	NA
PH3683 lab INTER QUANTUM PHYSICS	25	20	20	20	20	20	20	NA
PH3782 lec THERMODYN STAT PHYSIC	21	18	18	18	18	18	18	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH3855 lec NUCLEAR PHYSICS	12	2	2	2	2	2	2	NA
PH3855 lab NUCLEAR PHYSICS	12	2	2	2	2	2	2	NA
PH3990 lec METH-THEORET PHYSICS	39	15	15	15	15	15	15	NA
PH3991 lec PHY OSCILLATION&WAVES	0	39	39	39	39	39	39	NA
PH3998 lec CLASSICAL DYNAMICS	6	0	6	6	6	6	6	NA
PH3998 lab INTERFEROMETRIC SENSI	5	0	5	5	5	5	5	NA
PH3998 lec INTERFEROMETRIC SENSI	5	0	5	5	5	5	5	NA
PH3998 lab METH ELASTIC PROP VER	0	1	1	1	1	1	1	NA
PH3998 lec INTRO THERMACOUSTICS	3	4	4	4	4	4	4	NA
PH3998 lec LOG AND HAMIL MECH	0	1	1	1	1	1	1	NA
PH3998 lec THERMO ACOUSTICS III	0	1	1	1	1	1	1	NA
PH3998 lec THERMOACOUSTICS	0	2	2	2	2	2	2	NA
PH3998 lec TOPICS, INTERMED PHYS	0	2	2	2	2	2	2	NA
PH3998 lec RADIATION DEVICES	0	6	6	6	6	6	6	NA
PH3998 lec TOPICS, INTERMED PHYS	0	4	4	4	4	4	4	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH3998 lec LOCAL SPACECRAFT ENV	1	0	1	1	1	1	1	NA
PH3998 lec TOPICS, INTERMED PHYS	1	0	1	1	1	1	1	NA
PH3998 lec NONLINEAR DYNAMICS	0	1	1	1	1	1	1	NA
PH3998 lec QUANTUM MECH	1	0	1	1	1	1	1	NA
PH3998 lec TOPICS, INTERMED PHYS	0	1	1	1	1	1	1	NA
PH4054 lec BEAM&LASER WEAPON PHY	21	17	17	17	17	17	17	NA
PH4209 lec EO/IR SYS&CNTRMSR	8	8	8	8	8	8	8	NA
PH4209 lab EO/IR SYS&CNTRMSR	8	8	8	8	8	8	8	NA
PH4253 lec SENSORS,SIGNALS & SYS	9	7	7	7	7	7	7	NA
PH4253 lab SENSORS,SIGNALS & SYS	9	7	7	7	7	7	7	NA
PH4254 lec THERMAL IMAG SURV SYS	0	3	3	3	3	3	3	NA
PH4283 lec LASER PHYSICS	7	9	9	9	9	9	9	NA
PH4353 lec TOPICS,ADV ELECTY &MA	20	23	23	23	23	23	23	NA
PH4403 lec UNDERWATER ACOUSTICS	19	11	11	11	11	11	11	NA
PH4403 lab UNDERWATER ACOUSTICS	19	11	11	11	11	11	11	NA
PH4410 lec ADV ACOUSTICS LAB	4	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH4410 lab ADV ACOUSTICS LAB	4	1	1	1	1	1	1	NA
PH4453 lec SCATTERING & FLUCTUAT	0	13	13	13	13	13	13	NA
PH4454 lec TRANSDUCER THEORY	17	14	14	14	14	14	14	NA
PH4454 lab TRANSDUCER THEORY	17	14	14	14	14	14	14	NA
PH4455 lec SOUND PROPAGATN OCEAN	15	9	9	9	9	9	9	NA
PH4456 lec SEMINAR,IN UNDWTR SOU	8	0	8	8	8	8	8	NA
PH4515 lec SATELLITE ENVIRONMENT	17	9	9	9	9	9	9	NA
PH4661 lec PLASMA PHYSICS	13	9	9	9	9	9	9	NA
PH4662 lec PLASMA PHYSICS II	8	5	5	5	5	5	5	NA
PH4750 lec SOLIDS & RADIATION EF	13	5	5	5	5	5	5	NA
PH4771 lec STATISTICAL PHYSICS I	0	1	1	1	1	1	1	NA
PH4856 lec PHYSICS NUCLEAR EXPLO	8	4	4	4	4	4	4	NA
PH4857 lec RADIATION HYDRO THEOR	11	0	11	11	11	11	11	NA
PH4911 lec WEAPONS SYS SIMULATIO	17	9	9	9	9	9	9	NA
PH4911 lab WEAPONS SYS SIMULATIO	17	9	9	9	9	9	9	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH4972 lec ADV QUANTUM MECHANICS	0	1	1	1	1	1	1	NA
PH4973 lec QUANTUM MECH III	1	0	1	1	1	1	1	NA
PH4973 lec RELATIVISTIC Q.M.	0	1	1	1	1	1	1	NA
PH4984 lec ADV QUANTUM PHYSICS	14	20	20	20	20	20	20	NA
PH4991 lec RELATIVITY, COSMOLOGY	7	0	7	7	7	7	7	NA
PH4998 lec ADVANCED FEL TOPICS	9	0	9	9	9	9	9	NA
PH4998 lab SOUND PROPAGATION	0	2	2	2	2	2	2	NA
PH4998 lec ELECTRO-OPTICS	1	0	1	1	1	1	1	NA
PH4998 lec PLASMA FORMTIONS INTE	0	1	1	1	1	1	1	NA
PH4998 lec TOPICS, ADV PHYSICS	0	5	5	5	5	5	5	NA
PH4998 lec FREE ELECTRON LASER	0	1	1	1	1	1	1	NA
PH4998 lec PHYSICS SATELL ENVIRO	0	4	4	4	4	4	4	NA
PH4998 lec QUANTUM MECHANICS II	1	0	1	1	1	1	1	NA
PH4998 lec STATISTICAL PHYSICS I	1	0	1	1	1	1	1	NA
PH4998 lec ADV THERMOACOUSTICS	0	1	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PH4998 lec SOUND PROPAGATION	0	2	2	2	2	2	2	NA
SE2012 lec APP PHYSICS LAB I	0	44	44	44	44	44	44	NA
SE2012 lab APP PHYSICS LAB I	0	44	44	44	44	44	44	NA
SE2013 lec APPLIED PHYS LAB II	0	44	44	44	44	44	44	NA
SE2013 lab APPLIED PHYS LAB II	0	44	44	44	44	44	44	NA
SE2014 lec PHY LABIII:DIGITAL TE	0	32	32	32	32	32	32	NA
SE2014 lab PHY LABIII:DIGITAL TE	0	32	32	32	32	32	32	NA
SE3015 lec PHY LAB IV:SYS CONTRO	0	30	30	30	30	30	30	NA
SE3015 lab PHY LAB IV:SYS CONTRO	0	30	30	30	30	30	30	NA
SE3301 lec RADIATING SYSTEMS	45	0	45	45	45	45	45	NA
SE4006 lec TECH ASSESS&INTEL SYS	5	5	5	5	5	5	5	NA
SE4858 lec NUCLEAR WARFARE ANALY	8	2	2	2	2	2	2	NA
SS0810+ lab THESIS RESEARCH	0	83	83	83	83	83	83	NA
SS2001 lec MIL OPS IN SPACE I	26	21	21	21	21	21	21	NA
SS3001 lec MIL APPLICA SPACE I	0	63	63	63	63	63	63	NA
SS3001 lab MIL APPLICA SPACE I	0	63	63	63	63	63	63	NA
SS3001 lec MIL APPLICA SPACE I	57	0	57	57	57	57	57	NA
SS3035 lec MICROPROC SPACE APPLI	19	17	17	17	17	17	17	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
SS3035 lab MICROPROC SPACE APPLI	19	17	17	17	17	17	17	NA
SS3525 lec AIR/OC SENSNG OTHR CU	0	15	15	15	15	15	15	NA
SS3525 lab AIR/OC SENSNG OTHR CU	48	51	51	51	51	51	51	NA
SS3525 lec AIR/OC SENSNG OTHR CU	48	36	36	36	36	36	36	NA
SS3900 lec MECH CONTL OF ROBOTIC	1	0	1	1	1	1	1	NA
SS3900 lab SPECIAL TOPICS IN SS	0	2	2	2	2	2	2	NA
SS3900 lec FERROECLECTRIC MEMORY	2	0	2	2	2	2	2	NA
SS3900 lec MUL SOURC CORRELATION	1	0	1	1	1	1	1	NA
SS3900 lec NET ARCH SUPP DISSEMI	3	0	3	3	3	3	3	NA
SS3900 lec NPECIAL TOPICS IN SS	1	0	1	1	1	1	1	NA
SS3900 lec RADAR PROPAGATION STU	1	0	1	1	1	1	1	NA
SS3900 lec SIG DETECT GEOLOCATIO	1	0	1	1	1	1	1	NA
SS3900 lec SPECIAL TOPICS IN SS	0	2	2	2	2	2	2	NA
SS3900 lec SOVIET SPACE	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
SS3900 lec TOOLS OF SYS ANALYSIS	1	0	1	1	1	1	1	NA
SS4000 lab SPACE SYS SEMINARS	430	443	443	443	443	443	443	NA
SS4001 lec DECISIONS & SPACE SYS	19	23	23	23	23	23	23	NA
SS4001 lab DECISIONS & SPACE SYS	19	23	23	23	23	23	23	NA
SS4900 lec ADV STUDY IN SS	0	1	1	1	1	1	1	NA
SS4900 lec NUMERI SOLNS TO EQUAT	0	1	1	1	1	1	1	NA
SS4900 lec ADV STUDY IN SS	0	1	1	1	1	1	1	NA
SS4900 lec LEO COMMMUNICATION SY	1	0	1	1	1	1	1	NA
SS4900 lec MULTI SENSOR FUSION	0	1	1	1	1	1	1	NA
SS4900 lec SATELLITE REENTRY MOD	0	2	2	2	2	2	2	NA
SS4900 lec SEW AND C2W COMPARISO	0	2	2	2	2	2	2	NA
SS4900 lec SPACE & ELECT WARFARE	17	0	17	17	17	17	17	NA
SS4900 lec SPACE DATA STRUCTURES	1	0	1	1	1	1	1	NA
SS4900 lec SATELLITE SYSTEM DESI	1	0	1	1	1	1	1	NA
SS4900 lec SPACE DATA STRUCTUREI	1	0	1	1	1	1	1	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
SS4900 lec SPACE WARFR SYS EVAL	0	19	19	19	19	19	19	NA
ST0001+ lab SEMINAR	174	135	135	135	135	135	135	NA
ST0810+ lab THESIS RESEARCH	0	57	57	57	57	57	57	NA
TS3000 lec ELECTRICAL POWER ENGR	6	7	7	7	7	7	7	NA
TS3000 lab ELECTRICAL POWER ENGR	6	7	7	7	7	7	7	NA
TS3001 lec NAVAL ARCHITECTURE	26	28	28	28	28	28	28	NA
TS3001 lab NAVAL ARCHITECTURE	26	28	28	28	28	28	28	NA
TS3002 lec PRINCIPLES SHIP DESIG	4	7	7	7	7	7	7	NA
TS3002 lab PRINCIPLES SHIP DESIG	4	7	7	7	7	7	7	NA
TS3003 lec NAVAL COMBAT SYSTEMS	0	18	18	18	18	18	18	NA
TS3003 lab NAVAL COMBAT SYSTEMS	0	18	18	18	18	18	18	NA
TS3003 lec NAVAL COMBAT SYSTEMS	31	0	31	31	31	31	31	NA
TS3005 lec NAVL COMBAT SYST DESI	12	0	12	12	12	12	12	NA
TS3006 lec MATRL SELECT NAV APLI	8	0	8	8	8	8	8	NA
TS4000 lec NAVAL COMBAT SYS ENGR	0	17	17	17	17	17	17	NA

Mission Requirements (Cont.)
3. Throughput (Cont.)

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
TS4000 lab NAVAL COMBAT SYS ENGR	0	17	17	17	17	17	17	NA
TS4001 lec DESIGN NAV ENG SUBSYS	4	6	6	6	6	6	6	NA
TS4001 lab DESIGN NAV ENG SUBSYS	4	6	6	6	6	6	6	NA
TS4002 lec COMP ADV DSIGN CONCEP	0	5	5	5	5	5	5	NA
TS4002 lab COMP ADV DSIGN CONCEP	0	4	4	4	4	4	4	NA
TS4002 lec COMP ADV DSIGN CONCEP	0	4	4	4	4	4	4	NA
TS4002 lab COMP ADV DSIGN CONCEP	0	5	5	5	5	5	5	NA
TS4003 lec TOTAL SHIP DSIGN ENGR	0	4	4	4	4	4	4	NA
TS4003 lab TOTAL SHIP DSIGN ENGR	0	4	4	4	4	4	4	NA
ASO lec BLUE	179	183	185	183	183	183	183	NA
ASO lec GOLD	180	180	187	183	183	183	183	NA
ASC lec	293	297	301	300	300	300	300	NA
DAU: lec TEST202 TEST & EVAL	0	0	0	360	430	500	500	NA
DAU: lec TEST301 TEST & EVAL	0	0	0	360	430	500	500	NA
DAU: lec LOG304 LOGISTICS	0	0	0	360	430	500	500	NA
DAU: lec SYSENG201 SYS ENG	0	0	0	360	430	500	500	NA
DAU: lec SYSEN301 SYS ENG	0	0	0	0	180	360	500	NA

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization equirement (2001)
PCC: lec U.S. NAVY	0	0	0	280	280	280	280	NA
PCC: lec MARINES	0	0	0	80	80	80	80	NA
PCC: lec ARMY/NAVY FLAG ITM	0	0	0	40	80	90	80	NA

Defense Resources Management Institute

Course Identifier	Student or CAX Participant Throughput[4] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
DRMC	245	223	256	260	260	260	260	N/A
IDMC	89	103	104	104	104	104	104	N/A
SIDMC	50	50	54	52	52	52	52	N/A
MIDMC	379	374	306	360	360	360	360	N/A

Practical Comptrollership Course

Course Identifier	Student or CAX Participant Throughput[5] (Fiscal Year)

[4]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

[5]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

Mission Requirements (Cont.)
3. Throughput (Cont.)

UIC: 62271

	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Practical Comptrollership	245	245	245	245	245	245	245	N/A

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect *all* students (or CAX participants) -- including those non-effective for training (e.g., students awaiting instruction).

Naval Postgraduate School

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	1846	1860	1860	1794	1837	1837	1644	1650	1650	1810	1933	1933
FY 1993	1802	1813	1813	1777	1813	1813	1690	1705	1705	1914	1999	1999

For background, the reader should understand the student body mix at NPS. The student mix for the current academic quarter is shown in the following table:

NPS STUDENT POPULATION	SPRING QUARTER 1994[a]
US NAVY	1101
US ARMY	171
US AIR FORCE	22
OTHER US SERVICES and US CIVILIANS	43
INTERNATIONAL OFFICERS	235
INTERNATIONAL CIVILIANS	13
TOTAL	1682

a. Excludes DRMI, Aviation Safety, and short courses.

Defense Resources Management Institute

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	53	53	19	35	37	37	45	50	38	50	50	38
FY 1993	52	52	26	37	49	49	50	49	38	50	50	37

Aviation Safety Programs

4. Average on Board (AOB) (Cont.)

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	53	46	39	43	33	43	42	48	24	46	46	44
FY 1993	46	56	36	41	28	48	35	49	27	52	50	50

b. If level loading cannot be accomplished, provide the reason(s) why not.

Level loading in the graduate programs at the Naval Postgraduate School would occur if the Services' personnel commands could, each academic quarter, send equal numbers of officers to begin their studies. The manpowewr requirements of the operational and support forces of the Services play a large role in determining how many officers are available for graduate education, so level loading of NPS, at any reasonable level of loading, is probably impossible. Additionally, since many officers are married and have children in school, many household moves are made when the children are out of school, i.e., in the summer. The preference for summer household moves also makes level loading difficult to execute.

NPS tries to mesh its schedules to those of arriving officers by offering four quarters of courses per year (no summer break), and by allowing students to begin taking refresher courses upon arrival.

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel: N/A

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4								
E-5								
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								

Mission Requirements (Cont.)

UIC: 62271

03 thru 09								

Mission Requirements (Cont.)

UIC: 62271

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect all students (or CAX participants) -- including those non-effective for training (e.g., students awaiting instruction).

Naval Postgraduate School

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	1846	1860	1860	1794	1837	1837	1644	1650	1650	1810	1933	1933
FY 1993	1802	1813	1813	1777	1813	1813	1690	1705	1705	1914	1999	1999

For background, the reader should understand the student body mix at NPS. The student mix for the current academic quarter is shown in the following table.

NPS STUDENT POPULATION	SRING QUARTER 1994
US NAVY	1101
US ARMY	171
US AIR FORCE	22
OTHER US SERVICES and US CIVILIANS	43
INTERNATIONAL OFFICERS	235
INTERNATIONAL CIVILIANS	13
TOTAL	1682

Defense Resources Management Institute

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	51	51	8	40	37	37	39	47	34	35	44	31
FY 1993	52	52	18	43	37	49	43	44	33	47	43	28

REVISED PER DEAN RICHARD ELSTER - NPS
10/11/94 - LT [illegible], FLD SUPPACT - 10/14/94

NPS DC #22

Aviation Safety Programs

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	53.3	45.7	38.7	42.7	32.8	43.4	33.9	48.5	25.9	46.0	46.1	48.7
FY 1993	51.3	50.5	35.6	40.9	27.8	47.9	35.3	48.8	26.8	48.5	49.9	49.6

b. If level loading cannot be accomplished, provide the reason(s) why not.

Level loading in the graduate programs at the Naval Postgraduate School would occur if the Service's personnel commands could, each academic quarter, send equal numbers of officers to begin their studies. The manpower requirements of the operational and support forces of the Services play a large role in detemining how many officers are available for graduate education, so level loading of NPS, at any reasonable level of loading, is probably impossible. Additionally, since many officers are married and have children in school, many household moves are made when the children are out of school, i.e., the summer. The preference for summer household moves also makes level loading difficult to execute.

NPS tries to mesh its schedules to those of arriving officers by offering four quarters of courses per year (no summer break), and by allowing students to begin taking refresher courses upon arrival.

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel: N/A

REVISED PER DEAN LESTER ON 10/11/94 - NPS
LT Ben D. Pinn - 10/14/94 - FLDSUPPOCT.

NPS DC #22

5. Billeting (Cont.)

b. Female Personnel: N/A

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4								
E-5								
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								
03 thru 09								

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Mission Requirements (Cont.)

UIC: 62271

6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
N/A							

Mission Requirements (Cont.)

UIC: 62271

7. Major Equipment. Identify major equipment (tanks, trucks, training craft, aircraft, etc.), if any, used in training at this school/activity that require special facilities for storage and maintenance (21x-xx and 4xx-xx CCNs, etc.), and give the types and sizes of those facilities needed. Do not include training facilities (171-xx and 179-xx CCNs). Add other types of equipment as needed. Provide facility requirements in terms of square feet (SF) unless another measure is appropriate; indicate alternate unit of measure if used.

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Tanks							
LAVs							
AAVs							
Trucks							
Artillery Guns							

Mission Requirements (Cont.)
7. Major Equipment (Cont.)

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Landing Support Heavy Equipment							
Engineer Support Heavy Equipment							
Training Craft							
Aircraft							

Document Separator

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BRAC DATA CALL #22

NAVAL POSTGRADUATE SCHOOL

MONTEREY, CA

2 OF 2

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx, 179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc. **Examples are provided in bold type.**

Naval Postgraduate School

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
AE0020 lab AERO ENGR PROG PLNG	CLASSROOM	11	NA
AE0242 lec THERMODYNAMICS/FLUID	CLASSROOM	55	NA
AE0261 lec SOLID MECHANICS REFRES	CLASSROOM	55	NA
AE2015 lec ENGINEERING DYNAMICS	CLASSROOM	33	NA
"AE2021 lec INTRO,FLIGHT STRUCTURE"	CLASSROOM	44	NA
"AE2021 lab INTRO,FLIGHT STRUCTURE"	CLASSROOM	11	NA
AE2035 lec BASIC AERODYNAMICS	CLASSROOM	33	NA
"AE2036 lec PERFORMANCE, STABILITY"	CLASSROOM	33	NA
AE2042 lec THERMO-FLUID DYNAMICS	CLASSROOM	33	NA
AE2043 lec FUND OF GAS DYNAMICS	CLASSROOM	33	NA
AE2339 lec AEROSPACE SYS DYNAMICS	CLASSROOM	33	NA
AE2440 lec INTRO DIGITAL COMPUTN	CLASSROOM	33	NA
AE2801 lec AERO-LABORATORIES I	CLASSROOM	33	NA
AE2820 lec INTRO SPACECRAFT STRUC	CLASSROOM	33	NA
AE2820 lab INTRO SPACECRAFT STRUC	CLASSROOM	22	NA
AE3101 lec FLT VEHICLE STRUC ANLS	CLASSROOM	33	NA
AE3101 lab FLT VEHICLE STRUC ANLS	CLASSROOM	22	NA
AE3202 lec AIRCRAFT STRUC FAILURE	CLASSROOM	33	NA
AE3202 lab AIRCRAFT STRUC FAILURE	CLASSROOM	22	NA
AE3250 lec AIRCRAFT SURVIVABILITY	CLASSROOM	33	NA
AE3251 lec AIRCRAFT COMBAT SURVIV	CLASSROOM	44	NA
AE3251 lab AIRCRAFT COMBAT SURVIV	CLASSROOM	11	NA
AE3276 lec INTRO TO AVIONICS	CLASSROOM	33	NA
AE3276 lab INTRO TO AVIONICS	CLASSROOM	22	NA

AE3340 lec LIN VIB&DYNAMIC STAB	CLASSROOM	33	NA
AE3341 lec CONTROL AEROSPACE VEH	CLASSROOM	33	NA
AE3402 lec HELICOP STAB CONTROL	CLASSROOM	33	NA
AE3402 lab HELICOP STAB CONTROL	CLASSROOM	22	NA
AE3451 lec AIRCRAFT,MISSL PROPUL	CLASSROOM	33	NA
AE3501 lec CUR AERODYNAMIC ANALY	CLASSROOM	33	NA
AE3501 lab CUR AERODYNAMIC ANALY	CLASSROOM	22	NA
AE3701 lec MISSILE AERODYNAMICS	CLASSROOM	44	NA
AE3701 lab MISSILE AERODYNAMICS	CLASSROOM	11	NA
AE3705 lec AIR DEF & LETHALITY	CLASSROOM	44	NA
AE3705 lab AIR DEF & LETHALITY	CLASSROOM	11	NA
AE3712 lec SURVEY TACT MISS SYS	CLASSROOM	33	NA
AE3712 lab SURVEY TACT MISS SYS	CLASSROOM	22	NA
AE3802 lec ADV AREA INST&TEST FAC	CLASSROOM	33	NA
AE3804 lec THERMAL CONT OF SPCRFT	CLASSROOM	33	NA
AE3811 lec SPACE SYSTEMS LAB	CLASSROOM	11	NA
AE3811 lab SPACE SYSTEMS LAB	AIS COMPUTING	22	NA
	SPACECRAFT INT&TEST		NA
AE3815 lec INTRO TO SPCRFT DYNMCS	CLASSROOM	33	NA
AE3850 lec PROP FOR SPACE APPLCTN	CLASSROOM	44	NA
AE3851 lec SPACECRAFT PROPULSION	CLASSROOM	33	NA
AE3900 lec ADA LEATHALITY	CLASSROOM	33	NA
AE3900 lec AIRCRAFT/MISSLE PROPUL	CLASSROOM	33	NA
AE3900 lab AIRCRAFT/MISSLE PROPUL	CLASSROOM	22	NA
AE3900 lec COMP FLD DYNCS HEAT TR	CLASSROOM	33	NA
AE3900 lab COMP FLD DYNCS HEAT TR	CLASSROOM	22	NA
AE3900 lec SPECIAL TOPICS IN AERO	CLASSROOM	22	NA
AE4000 lec AERO ENGRNG SEMINAR	CLASSROOM	11	NA
AE4103 lec ADV AIRCRAFT CONST	CLASSROOM	33	NA
AE4103 lab ADV AIRCRAFT CONST	CLASSROOM	22	NA
AE4201 lec RELIABLITY ENG & SYSTE	CLASSROOM	44	NA

AE4202 lec RELIBLTY COMP MATL	CLASSROOM	33	NA
AE4273 lec AIRCRAFT DESIGN	CLASSROOM	33	NA
AE4273 lab AIRCRAFT DESIGN	CLASSROOM	22	NA
AE4276 lab AVIONICS SYSTEM DESIGN	AVIONICS	22	NA
AE4276 lec AVIONICS SYSTEM DESIGN	CLASSROOM	33	NA
AE4304 lec HELICOPTER PERFORMANCE	CLASSROOM	33	NA
AE4304 lab HELICOPTER PERFORMANCE	CLASSROOM	22	NA
AE4306 lec HELICOPTER DESIGN	CLASSROOM	33	NA
AE4306 lab HELICOPTER DESIGN	CLASSROOM	22	NA
AE4318 lec AEROELASTICITY	CLASSROOM	44	NA
AE4323 lec FLIGHT EVAL TECHNIQUES	CLASSROOM	33	NA
AE4341 lec CONTROL AEROSP VEHICLE	CLASSROOM	33	NA
AE4341 lab CONTROL AEROSP VEHICLE	CLASSROOM	22	NA
AE4342 lec ADV CONTROL,AEROSP SYS	CLASSROOM	33	NA
AE4342 lab ADV CONTROL,AEROSP SYS	CLASSROOM	22	NA
AE4431 lec AEROTHERMODYNAMICS	CLASSROOM	33	NA
AE4451 lec AIRCRAFT ENGINE DESIGN	CLASSROOM	33	NA
AE4502 lec HIGH-SPEED AERODYNAM	CLASSROOM	44	NA
AE4505 lec LASER/PART BEAM TECH	CLASSROOM	33	NA
AE4506 lec RAREFIED GAS DYNAMICS	CLASSROOM	44	NA
AE4507 lec FLUID DYN & HEAT TRFR	CLASSROOM	33	NA
AE4632 lec COMPUTER METHODS AERO	CLASSROOM	33	NA
AE4641 lab AERONAUT DATA SYSTEMS	AVIONICS	22	NA
AE4641 lec AERONAUT DATA SYSTEMS	CLASSROOM	33	NA
AE4650 lec PARALLEL DISTRIBUTE PR	CLASSROOM	44	NA
AE4703 lec MISSILE STAB & PERFORM	CLASSROOM	44	NA
AE4703 lab MISSILE STAB & PERFORM	CLASSROOM	11	NA
AE4704 lec MISSILE CONFIG & DSGN	CLASSROOM	33	NA
AE4704 lab MISSILE CONFIG & DSGN	CLASSROOM	22	NA
AE4712 lec SURVY OF TACT MISL SYS	CLASSROOM	33	NA
AE4712 lab SURVY OF TACT MISL SYS	CLASSROOM	22	NA

AE4818 lec SPCECRFT ATT, DYN&CTRL	CLASSROOM	44	NA
AE4830 lec SPACECRAFT SYSTEMS I	CLASSROOM	33	NA
AE4830 lab SPACECRAFT SYSTEMS I	CLASSROOM	22	NA
AE4831 lec SPACECRAFT SYSTEMS II	CLASSROOM	33	NA
AE4831 lab SPACECRAFT SYSTEMS II	CLASSROOM	22	NA
AE4844 lec HYPERSONIC FLIGHT	CLASSROOM	44	NA
AE4871# lec SPCECRFT DSGN & INTH	AIS COMPUTING	9	NA
AE4871# lec SPCECRFT DSGN & INTH	SPACECRAFT INT&TEST	9	NA
AE4900 lec ACOU PROP & TOMOGRAPHY	CLASSROOM	33	NA
AE4900 lec ADV AERODY ANALYSIS	CLASSROOM	44	NA
AE4900 lec ADV CTRL TECH	CLASSROOM	44	NA
AE4900 lec ADV HELICOPTER CTRLS	CLASSROOM	44	NA
AE4900 lec ADV SPACE ROBOTICS CTR	CLASSROOM	33	NA
AE4900 lec ADVANCED MISSILE FLIGH	CLASSROOM	44	NA
AE4900 lec ADVANCED STUDY IN AERO	CLASSROOM	22	NA
AE4900 lab ADVANCED STUDY IN AERO	CLASSROOM	22	NA
AE4900 lec ADVANCED STUDY IN AERO	CLASSROOM	33	NA
AE4900 lec ADVANCED STUDY IN AERO	CLASSROOM	44	NA
AE4900 lec BOUNDARY LAYER THEORY	CLASSROOM	33	NA
AE4900 lec COMP BASE SAT DESIGN	CLASSROOM	44	NA
AE4900 lec COMP FLUID DYNAMICS	CLASSROOM	33	NA
AE4900 lab COMP FLUID DYNAMICS	CLASSROOM	22	NA
AE4900 lec COMP FLUID DYNAMICS	CLASSROOM	44	NA
AE4900 lec COMPUTER CONTROL METHD	CLASSROOM	44	NA
AE4900 lec CONTINUUM MACHANICS	CLASSROOM	44	NA
AE4900 lec CTRL FLEX STRUCTURES	CLASSROOM	11	NA
AE4900 lab CTRL FLEX STRUCTURES	CLASSROOM	33	NA
AE4900 lec DYN & CTRL FLEX STRUCT	CLASSROOM	33	NA
AE4900 lec FAULT DETECT & ANALYSI	CLASSROOM	33	NA
AE4900 lec FLUID DYNAMICS	CLASSROOM	44	NA
AE4900 lec GUID WEAP CTRL SYSTEMS	CLASSROOM	44	NA

AE4900 lec HIGH ENERGY TUNABLE LA	CLASSROOM	11	NA
AE4900 lec HYPERSONIC FLIGHT	CLASSROOM	44	NA
AE4900 lec LASER TECHNOLOGY	CLASSROOM	44	NA
AE4900 lec MODEL OF SPACECFT STRU	CLASSROOM	11	NA
AE4900 lab MODEL OF SPACECFT STRU	CLASSROOM	33	NA
AE4900 lec MULTI OBJ CONTROL	CLASSROOM	44	NA
AE4900 lec PIEZOELECTRIC SENSORS	CLASSROOM	11	NA
AE4900 lab PIEZOELECTRIC SENSORS	CLASSROOM	22	NA
AE4900 lec ROBOTIC CONTROL	CLASSROOM	33	NA
AE4900 lec ROBUST MULTI OBJ CONTL	CLASSROOM	44	NA
AE4900 lec SPACECRAFT ALTIT CONTR	CLASSROOM	33	NA
AE4900 lab SPACECRAFT ALTIT CONTR	CLASSROOM	22	NA
AE4900 lec SPACECRAFT CONTROL	CLASSROOM	22	NA
AE4900 lab SPACECRAFT CONTROL	CLASSROOM	22	NA
AE4900 lec SPACECRAFT RE SYS ANLS	CLASSROOM	44	NA
AE4900 lab SPACECRAFT SIMULATION	CLASSROOM	44	NA
AE4900 lec SPACECRAFT TRAGECTORY	CLASSROOM	44	NA
AE4900 lec STORES SEPARATION	CLASSROOM	33	NA
AE4900 lec SURV TACT MISS SYS	CLASSROOM	33	NA
AE4900 lab SURV TACT MISSILE SYS	CLASSROOM	22	NA
AE4900 lec TAGUCHI METH IN DESIGN	CLASSROOM	44	NA
AE4900 lec VTOL TRANSITION	CLASSROOM	44	NA
AS0 lec COMMAND COURSE	CLASSROOM	5	NA
AS1701 lec COMMUNICATION SKILL I	CLASSROOM	44	NA
AS2701 lec COMMUNICATION SKILL II	CLASSROOM	44	NA
AS3610 lec ECON Anl & OPS RESRCH	CLASSROOM	44	NA
AS3611 lec CAPITAL ALLOCATION	CLASSROOM	44	NA
AS3611 lab CAPITAL ALLOCATION	CLASSROOM	11	NA
ASO lec OFFICER COURSE	CLASSROOM	28	NA
CC0001 lab SEMINAR FOR C3	CLASSROOM	11	NA
CC0810+ lab THESIS RESEARCH	LAB	88	NA

CC3001 lec MODELING C3 SYSTEMS	CLASSROOM	44	NA
CC3900 lec COMBAT MODELS C3	CLASSROOM	44	NA
CC3900 lec C3 READINGS	CLASSROOM	22	NA
"CC3900 lec SPEC TOP,COM CONT&COMM"	CLASSROOM	33	NA
"CC3900 lec SPEC TOP,COM CONT&COMM"	CLASSROOM	55	NA
CC4001 lec C3:STRUCTURE/PROC/DYNA	CLASSROOM	44	NA
CC4001 lab C3:STRUCTURE/PROC/DYNA	CLASSROOM	22	NA
CC4002 lec C3 ARCHITEC & ENGR II	CLASSROOM	33	NA
CC4002 lab C3 ARCHITEC & ENGR II	CLASSROOM	33	NA
CC4003 lec C3 SYSTEMS EVALUATION	CLASSROOM	22	NA
CC4113 lec POLICIES & PROBS IN C3	CLASSROOM	44	NA
CC4200 lec COMBAT SYS ENGR	CLASSROOM	44	NA
CC4900 lec ADV STDY:COM CONTR&COM	CLASSROOM	33	NA
CC4900 lec C3 NETWORKS	CLASSROOM	22	NA
CC4900 lec C3 POLICIES & PROBS	CLASSROOM	33	NA
CC4900 lec C3 SYSTEMS EVAL	CLASSROOM	33	NA
CC4900 lec DATA LINKS	CLASSROOM	33	NA
CC4900 lec FUTURE DEV RUSSIAN C3I	CLASSROOM	44	NA
CC4900 lec MLS IN C3 SYSTEMS	CLASSROOM	33	NA
CC4900 lec RELATIONAL DBMS TECHNO	CLASSROOM	33	NA
CC4900 lec STATS Anl COMP SIMU E	CLASSROOM	33	NA
CC4900 lec SYN APERTURE RADAR	CLASSROOM	33	NA
CM0001 lab SEM TELCOMM SYST MGMNT	CLASSROOM	22	NA
CM3002 lec ECON EVAL TELECOMM SYS	CLASSROOM	44	NA
CM3112 lec NAVY TELECOM SYSTEMS	CLASSROOM	44	NA
"CM4925 lec TELECOMM:INDUSTRY, REG"	CLASSROOM	44	NA
CS0001 lab SEMINAR	CLASSROOM	11	NA
CS0100 lec REFRESHER ADA PROGRAM	CLASSROOM	22	NA
CS0100 lab REFRESHER ADA PROGRAM	CLASSROOM	11	NA

CS0101 lec REFRESH-LAB SYSTEMS	CLASSROOM	22	NA
CS0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
CS2920 lec INTRO COMP MANAGEMENT	CLASSROOM	33	NA
CS2920 lab INTRO COMP MANAGEMENT	CLASSROOM	11	NA
CS2970 lec STRUCT PROGR W/ADA	CLASSROOM	44	NA
CS3010 lec COMPUTING DEVICES&SYS	CLASSROOM	44	NA
CS3050 lec SOFTWARE PROJ DEVEL	CLASSROOM	44	NA
CS3113 lec INTRO TO COMPILERS	CLASSROOM	33	NA
CS3113 lab INTRO TO COMPILERS	CLASSROOM	22	NA
CS3200 lec NEW COMPUTER ARCH	CLASSROOM	33	NA
CS3200 lab NEW COMPUTER ARCH	CLASSROOM	22	NA
CS3300 lec DATA STRUCTURES	CLASSROOM	33	NA
CS3320 lec DATABASE SYSTEMS	CLASSROOM	33	NA
CS3450 lec SOFTWARE SYST DESIGN	CLASSROOM	33	NA
CS3460 lec SOFTWARE METHODOLOGY	CLASSROOM	33	NA
CS3502 lec COMP COMM & NETWORKS	CLASSROOM	44	NA
CS3550 lab COMP IN COMBAT SYSTEMS	CLASSROOM	22	NA
CS3601 lec AUTOMATA&FORMAL LANG	CLASSROOM	44	NA
CS3650 lec THEORY OF ALGORITHMS	CLASSROOM	44	NA
CS3700 lec ADV PROGRAMMING C++	CLASSROOM	33	NA
CS3700 lab ADV PROGRAMMING C++	CLASSROOM	22	NA
CS3800 lec COMMUNICATION NETWORKS	CLASSROOM	44	NA
CS3800 lab DBMS SOFTWARE	CLASSROOM	55	NA
CS3920 lec ADV PROG IN C &C++ SCI	CLASSROOM	33	NA
CS3920 lab ADV PROG IN C &C++ SCI	CLASSROOM	22	NA
CS3920 lec ADV PROGRAMMING C++	CLASSROOM	33	NA
CS3920 lab ADV PROGRAMMING C++	CLASSROOM	22	NA
CS3920 lec TOPICS IN COMPUTER SCI	CLASSROOM	33	NA
CS3920 lab TOPICS IN COMPUTER SCI	CLASSROOM	11	NA
CS3920 lec TOPICS IN COMPUTER SCI	CLASSROOM	44	NA
CS3920 lab TOPICS IN COMPUTER SCI	CLASSROOM	22	NA

CS4112 lec OPERATING SYSTEMS	CLASSROOM	33	NA
CS4112 lec OPERATING SYSTEMS	CLASSROOM	44	NA
CS4113 lec ADV LANGUAGE TOPICS	CLASSROOM	44	NA
CS4114 lec ADV TOPICS IN OBJ PROG	CLASSROOM	33	NA
CS4114 lab ADV TOPICS IN OBJ PROG	CLASSROOM	22	NA
CS4202 lec COMPUTER GRAPHICS	CLASSROOM	33	NA
CS4203 lec INTERACT COMPUTA SYST	CLASSROOM	33	NA
CS4311 lec EXPERT SYSTEMS	CLASSROOM	33	NA
CS4312 lec ADVANCED DATABASE SYS	CLASSROOM	33	NA
CS4314 lec SYMBOLIC COMPUTING	CLASSROOM	33	NA
CS4322 lec ADV DATABASE SYS TOPIC	CLASSROOM	33	NA
CS4451 lec MULTI-PROC/REAL-TIME	CLASSROOM	33	NA
CS4470 lec COMP GRAPHICS TOPICS	CLASSROOM	33	NA
CS4471 lec COMPUTER ANIMATION	CLASSROOM	33	NA
CS4472 lec PHYSICALLY BASED MODEL	CLASSROOM	33	NA
CS4473 lec VIRTUAL WORLDS SIM SYS	CLASSROOM	33	NA
CS4500 lec SOFTWARE ENGINEERING	CLASSROOM	33	NA
CS4540 lec SOFTWARE TESTING	CLASSROOM	33	NA
CS4550 lec COMPUTER NETWORKS II	CLASSROOM	44	NA
CS4550 lec DISTRIBUTED COMPUTING	CLASSROOM	44	NA
CS4800 lab ADV C++ TOPICS	CLASSROOM	33	NA
CS4800 lab ADV COMP SCIENCE	CLASSROOM	88	NA
CS4800 lec ADV LANGUAGE TOPICS	CLASSROOM	44	NA
CS4800 lec ADV READ IN COMMUNICAT	CLASSROOM	33	NA
CS4800 lec ADV READ IN COMP SCIEN	CLASSROOM	33	NA
CS4800 lab ADV SOFWARE ENGR	CLASSROOM	66	NA
CS4800 lab ADV TELECOMMUNICATIONS	CLASSROOM	55	NA
CS4800 lab ADV TOP VIRT WORLD INT	CLASSROOM	44	NA
CS4800 lec ADV WIDE AREA NETWRK	CLASSROOM	44	NA
CS4800 lab ADVANCED PROGRAM C++	CLASSROOM	55	NA
CS4800 lec Anl Y REAL TIME STUDY	CLASSROOM	33	NA

CS4800 lec C++ ADVANCED PROGRAM	CLASSROOM	44	NA
CS4800 lab COMP OF AERO MODELS	CLASSROOM	88	NA
CS4800 lab CONST OF VISUAL SIMULA	CLASSROOM	88	NA
CS4800 lec DATABASE SEMANTIC EQUI	CLASSROOM	44	NA
CS4800 lab DBASE TECH IN REAL TIM	CLASSROOM	44	NA
CS4800 lec DIGITAL SWITCHING	CLASSROOM	44	NA
CS4800 lec DIR STUDIES IN NETWRK	CLASSROOM	44	NA
CS4800 lec DIRECTED STUDIES/CS	CLASSROOM	11	NA
CS4800 lab DIRECTED STUDIES/CS	CLASSROOM	22	NA
CS4800 lec DIRECTED STUDIES/CS	CLASSROOM	33	NA
CS4800 lab DIRECTED STUDIES/CS	CLASSROOM	44	NA
CS4800 lec DIRECTED STUDIES/CS	CLASSROOM	44	NA
CS4800 lab DIRECTED STUDIES/CS	CLASSROOM	88	NA
CS4800 lab GENETIC ALGORITHIMS	CLASSROOM	44	NA
CS4800 lec GENETIC ALGORITHMS	CLASSROOM	33	NA
CS4800 lab GRAPHICAL ROBOT DYNAMI	CLASSROOM	33	NA
CS4800 lec HAND SENSOR INPUT P/C	CLASSROOM	11	NA
CS4800 lab HAND SENSOR INPUT P/C	CLASSROOM	22	NA
CS4800 lab LARGE DATABASE SYSTEMS	CLASSROOM	44	NA
CS4800 lab NAUT EXP SYS DEVELOPME	CLASSROOM	88	NA
CS4800 lab NPS NET FUTURES III	CLASSROOM	22	NA
CS4800 lab NPS SCRIPT FILES STDY	CLASSROOM	88	NA
CS4800 lec NPSNET FUTURE STUD II	CLASSROOM	22	NA
CS4800 lec NPSNET FUTURE STUDIES	CLASSROOM	44	NA
CS4800 lab NPSNET RESEAR GROUP	CLASSROOM	44	NA
CS4800 lec NPSNET RESEARCH GROUP	CLASSROOM	44	NA
CS4800 lab OBJ ORIEN DBASE DESIGN	CLASSROOM	88	NA
CS4800 lec OBJ ORIENTED DBASES	CLASSROOM	44	NA
CS4800 lec OBJ/VISUAL ORIENT PROG	CLASSROOM	22	NA
CS4800 lab OBJ/VISUAL ORIENT PROG	CLASSROOM	44	NA
CS4800 lab OBJECT ORIENTED DBASES	CLASSROOM	88	NA

CS4800 lec PROBLEM SOLVING	CLASSROOM	44	NA
CS4800 lec PROG TECH LARGE OBJ	CLASSROOM	33	NA
CS4800 lec PROJ DOCUMENTATION	CLASSROOM	11	NA
CS4800 lab PROJ DOCUMENTATION	CLASSROOM	44	NA
CS4800 lab PROTOCOL TESTING	CLASSROOM	88	NA
CS4800 lab REFER LOC IN LOOP PIPE	CLASSROOM	33	NA
CS4800 lec RISC PROC ARCH	CLASSROOM	33	NA
CS4800 lab ROBOTICS WITH R.B.M.	CLASSROOM	88	NA
CS4800 lec SOFTWARE PROJECT MGMT	CLASSROOM	44	NA
CS4800 lec SUPERSCALAR COMP ARCH	CLASSROOM	44	NA
CS4800 lab VIRTUAL REALITY	CLASSROOM	88	NA
CS4800 lab VIRTUAL REALITY II	CLASSROOM	44	NA
CS4800 lab VIRTUAL SOUND	CLASSROOM	44	NA
CS4800 lec VISUAL PROG OBJ ORIENT	CLASSROOM	22	NA
CS4800 lab VISUAL PROG OBJ ORIENT	CLASSROOM	22	NA
CS4800 lab VISUAL PROGRAMMING	CLASSROOM	66	NA
CS4800 lab VISUAL/OBJ ORIENTATED	CLASSROOM	33	NA
CS4800 lab 3D COMBAT MODELING	CLASSROOM	88	NA
"CS4900 lab RESEARCH SEM, COMP SCI"	CLASSROOM	22	NA
CS4910 lec ADA IN ROBOTICS	CLASSROOM	11	NA
CS4910 lab ADA IN ROBOTICS	CLASSROOM	44	NA
CS4910 lab ADA REUSABLE COMP	CLASSROOM	88	NA
CS4910 lec ADV C++ FOR GRAPHICS	CLASSROOM	11	NA
CS4910 lab ADV C++ FOR GRAPHICS	CLASSROOM	33	NA
CS4910 lec ADV COMP ARCHITECTURE	CLASSROOM	44	NA
CS4910 lec ADV DATA NETWORKS	CLASSROOM	33	NA
CS4910 lec ADV DATABASE SECURITY	CLASSROOM	44	NA
CS4910 lec ADV EXPRT SYS W KEE/CL	CLASSROOM	22	NA
CS4910 lab ADV EXPRT SYS W KEE/CL	CLASSROOM	22	NA
CS4910 lab ADV GENETIC ALGORITHMS	CLASSROOM	88	NA
CS4910 lab ADV GRAPHICS	CLASSROOM	88	NA

CS4910 lec ADV PRGM IN CTT	CLASSROOM	33	NA
CS4910 lab ADV PRGM IN CTT	CLASSROOM	22	NA
CS4910 lec ADV PROG C C++	CLASSROOM	44	NA
CS4910 lab ADV PROG C C++	CLASSROOM	11	NA
CS4910 lab ADV PROG TOPICS	CLASSROOM	88	NA
CS4910 lab ADV READ IN COMP SCIEN	CLASSROOM	88	NA
CS4910 lab ADV READINGS COMP NET	CLASSROOM	88	NA
CS4910 lec ADV STUD GENETIC ALGOR	CLASSROOM	11	NA
CS4910 lab ADV STUD GENETIC ALGOR	CLASSROOM	33	NA
CS4910 lab ADV STUDY IN COMP SIMU	CLASSROOM	88	NA
CS4910 lab ADV TOPICS SOFT TESTIN	CLASSROOM	88	NA
CS4910 lab ADV TOPICS TELECOMMUNI	CLASSROOM	88	NA
CS4910 lec ADVANCE TOPIC C++	CLASSROOM	33	NA
CS4910 lab ADVANCE TOPIC C++	CLASSROOM	22	NA
CS4910 lec ADVANCED READINGS/CS	CLASSROOM	22	NA
CS4910 lab ADVANCED READINGS/CS	CLASSROOM	22	NA
CS4910 lec ADVANCED READINGS/CS	CLASSROOM	33	NA
CS4910 lab ADVANCED READINGS/CS	CLASSROOM	33	NA
CS4910 lec ADVANCED READINGS/CS	CLASSROOM	44	NA
CS4910 lab ADVANCED READINGS/CS	CLASSROOM	44	NA
CS4910 lab ADVANCED READINGS/CS	CLASSROOM	66	NA
CS4910 lab ADVANCED READINGS/CS	CLASSROOM	88	NA
CS4910 lab ALGOR ANLY IN WAR GAME	CLASSROOM	88	NA
CS4910 lab ANTI SUB WARFARE SIMUL	CLASSROOM	88	NA
CS4910 lab APP OF XWINDOW TOOLKIT	CLASSROOM	88	NA
CS4910 lec AUTONOMOUS VEH/PATH FI	CLASSROOM	33	NA
CS4910 lec C++ ADVANCED PROGRAMIN	CLASSROOM	33	NA
CS4910 lab C++ ADVANCED PROGRAMIN	CLASSROOM	22	NA
CS4910 lab C++ DATABASE DESIGN	CLASSROOM	88	NA
CS4910 lab C++ OBJ ORIENT DESIGN	CLASSROOM	88	NA
CS4910 lec CAI DESIGN	CLASSROOM	44	NA

CS4910 lab COMP GRAPH IN WAVEFRON	CLASSROOM	55	NA
CS4910 lab COMP INTERFACE DESIGN	CLASSROOM	88	NA
CS4910 lab COMPUTATIONAL GEOMETRY	CLASSROOM	66	NA
CS4910 lec COMPUTER GRAPHIC TUTOR	CLASSROOM	33	NA
CS4910 lab COMPUTER GRAPHIC TUTOR	CLASSROOM	22	NA
CS4910 lab COMPUTER SECURITY	CLASSROOM	44	NA
CS4910 lab COUR DEV FOR UNIX SEC	CLASSROOM	88	NA
CS4910 lec DATA MODELS	CLASSROOM	44	NA
CS4910 lab DATABASE INTERFACES	CLASSROOM	66	NA
CS4910 lec DATABASE SECURITY	CLASSROOM	44	NA
CS4910 lab DGN RES FOR HYPER NPS	CLASSROOM	88	NA
CS4910 lec DOD SOFTWARE ACQ & MGT	CLASSROOM	44	NA
CS4910 lec DOMAIN ANLY APPROACH	CLASSROOM	11	NA
CS4910 lab DOMAIN ANLY APPROACH	CLASSROOM	33	NA
CS4910 lec EXP SYS APPL STUDIES	CLASSROOM	44	NA
CS4910 lab EXPERT SYSTEMS	CLASSROOM	88	NA
CS4910 lab FEDERATED OODBMS	CLASSROOM	22	NA
CS4910 lab FUZZY LOGIC	CLASSROOM	44	NA
CS4910 lab GRAPHICS IN ADA	CLASSROOM	33	NA
CS4910 lab HEXAPOD KINEMATICS	CLASSROOM	33	NA
CS4910 lab HIGH SPEED NETWORKS	CLASSROOM	88	NA
CS4910 lab HUMAN COMP INTERFACE	CLASSROOM	66	NA
CS4910 lab INTELL TUTOR SYSTEMS	CLASSROOM	88	NA
CS4910 lec INTRO TO TRANSPUTERS	CLASSROOM	44	NA
CS4910 lec LGHT WGHT TRANS PROTOC	CLASSROOM	33	NA
CS4910 lab LISP PROGRAMMING	CLASSROOM	88	NA
CS4910 lec LOCOMOTION CONTROL	CLASSROOM	11	NA
CS4910 lab LOCOMOTION CONTROL	CLASSROOM	33	NA
CS4910 lec NET DIS OPER SYS	CLASSROOM	44	NA
CS4910 lec NPS NET FUTURE STUDIES	CLASSROOM	22	NA
CS4910 lab NPS NET FUTURE STUDIES	CLASSROOM	44	NA

CS4910 lec OBJ AUV HYDRODYN MODEL	CLASSROOM	33	NA
CS4910 lab OBJ ORIENT DATA MODELS	CLASSROOM	55	NA
CS4910 lab OBJECT ORIENT DATABASE	CLASSROOM	88	NA
CS4910 lab OBJECT-ORIENTED PROG	CLASSROOM	88	NA
CS4910 lec OOP/OODBMS BROWSERS	CLASSROOM	33	NA
CS4910 lab OOP/OODBMS BROWSERS	CLASSROOM	11	NA
CS4910 lec OPTIMAL MOTION PLANNIN	CLASSROOM	22	NA
CS4910 lab OPTIMAL MOTION PLANNIN	CLASSROOM	44	NA
CS4910 lab PARALLEL ALGORITHMS	CLASSROOM	66	NA
CS4910 lec PREDICATE LOGIC	CLASSROOM	22	NA
CS4910 lab PROG TOOLS ENVIRONMENT	CLASSROOM	88	NA
CS4910 lab QUATERNIONS IN GRAPHIC	CLASSROOM	44	NA
CS4910 lab RAL TIME SYS SCHEDULIN	CLASSROOM	44	NA
CS4910 lec RBM IN ROBOTICS	CLASSROOM	11	NA
CS4910 lab RBM IN ROBOTICS	CLASSROOM	66	NA
CS4910 lec RBM TACT LEV IMPLEMENT	CLASSROOM	11	NA
CS4910 lab RBM TACT LEV IMPLEMENT	CLASSROOM	44	NA
CS4910 lab READINGS IN DATABASE	CLASSROOM	88	NA
CS4910 lab RISK Anl DIS REC PLAN	CLASSROOM	88	NA
CS4910 lab ROBOT CONTROL THEORY	CLASSROOM	44	NA
CS4910 lec ROBOT DYNAMICS	CLASSROOM	22	NA
CS4910 lab ROBOT DYNAMICS	CLASSROOM	22	NA
CS4910 lab ROBOT KINEMAT IN LISP	CLASSROOM	33	NA
CS4910 lec ROBOT MOTION CONTROL	CLASSROOM	11	NA
CS4910 lab ROBOT MOTION CONTROL	CLASSROOM	44	NA
CS4910 lab ROBOTICS APP OF OBJ OR	CLASSROOM	33	NA
CS4910 lab ROBOTICS LANG DES SIMU	CLASSROOM	66	NA
CS4910 lab ROBOTICS MOTION CONTRO	CLASSROOM	66	NA
CS4910 lab SECURITY MODELING	CLASSROOM	66	NA
CS4910 lec SEMINAR SOFTWARE TEST	CLASSROOM	44	NA
CS4910 lab SONAR EXPERT SYSTEMS	CLASSROOM	88	NA

CS4910 lec STRUC OBJ ORIENT PROG	CLASSROOM	22	NA
CS4910 lab STRUC OBJ ORIENT PROG	CLASSROOM	44	NA
CS4910 lec TAMPS DATABASE REVIEW	CLASSROOM	44	NA
CS4910 lab TESTING OF SAFENET	CLASSROOM	88	NA
CS4910 lab THEORY OF COMPUTATION	CLASSROOM	22	NA
CS4910 lec TRANS PARAL COMPUTING	CLASSROOM	22	NA
CS4910 lab TRANS PARAL COMPUTING	CLASSROOM	22	NA
CS4910 lab UNIX SECURITY	CLASSROOM	88	NA
CS4910 lab VIRTUAL WORLDS II	CLASSROOM	88	NA
CS4910 lec VISUAL OBJ ORIENT PROG	CLASSROOM	33	NA
CS4910 lab VISUAL OBJ ORIENT PROG	CLASSROOM	11	NA
CS4910 lab WALKING ROBOT RESEARCH	CLASSROOM	44	NA
CS4910 lab 3D HYPERTEXT R&D	CLASSROOM	88	NA
CS4920 lec ADA REAL TIME SOFTWARE	CLASSROOM	44	NA
CS4920 lec ADV TOPICS IN AI	CLASSROOM	33	NA
CS4920 lec ADV TOPICS/CS	CLASSROOM	33	NA
CS4920 lec ADV TOPICS/CS	CLASSROOM	44	NA
CS4920 lec ADV WIDE AREA NTWK MGT	CLASSROOM	44	NA
CS4920 lec COMPUTER INTERFACE DES	CLASSROOM	33	NA
CS4920 lec COMPUTING & COMPLEXITY	CLASSROOM	44	NA
CS4920 lec DIST DATABASE SYSTEMS	CLASSROOM	44	NA
CS4920 lec EXP SYS IN ROBOTICS	CLASSROOM	22	NA
CS4920 lec HPOS W/KERBEROS	CLASSROOM	22	NA
CS4920 lec INTRO TO COMP MGMT	CLASSROOM	33	NA
CS4920 lec KERBEROS NETWORK SECUR	CLASSROOM	22	NA
CS4920 lec PARALLEL COMPUTING	CLASSROOM	22	NA
CS4920 lec PARALLEL COMPUTING	CLASSROOM	33	NA
CS4920 lec PREDICATE CALCULUS	CLASSROOM	22	NA
CS4920 lab PROG TOOL ENVIRONMENTS	CLASSROOM	88	NA
CS4920 lec SCIENTIFIC VISUALIZATI	CLASSROOM	33	NA
CS4920 lec SOFTWARE CONFIG MGMT	CLASSROOM	33	NA

CS4920 lec USER INTERFACE DESIGN	CLASSROOM	11	NA
DAU: lec TEST202 TEST & EVAL	CLASSROOM	10	NA
DAU: lec TEST301 TEST & EVAL	CLASSROOM	10	NA
DAU: lec LOG304 LOGISTICS	CLASSROOM	10	NA
DAU: lec SYSENG201 SYS ENG	CLASSROOM	15	NA
DAU: lec SYSENG301 SYS ENG	CLASSROOM	10	NA
EC0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
EC0950 lab SEMINAR	CLASSROOM	11	NA
EC2010 lec ANL SIGNALS & SYSTEMS	CLASSROOM	33	NA
EC2100 lec CIRCUIT ANALYSIS I	CLASSROOM	33	NA
EC2110 lec CIRCUIT ANALYSIS II	CLASSROOM	33	NA
EC2170 lec INTRO TO ELEC ENG	CLASSROOM	44	NA
EC2170 lab INTRO TO ELEC ENG	CLASSROOM	22	NA
EC2200 lec ELEX ENGINEERING I	CLASSROOM	33	NA
EC2210 lec ELEX ENGINEERING II	CLASSROOM	33	NA
EC2220 lec DESIGN ELEC CIRCUITS	CLASSROOM	22	NA
"EC2250 lec ACCEL REV,ELEX ENGR"	CLASSROOM	44	NA
"EC2250 lab ACCEL REV,ELEX ENGR"	CLASSROOM	22	NA
EC2270 lab ELTRONIC/ELECTRIC MACH	ELECT & CIRCTS	22	NA
EC2270 lec ELTRONIC/ELECTRIC MACH	CLASSROOM	44	NA
EC2300 lec CONTROL SYSTEMS	CLASSROOM	33	NA
EC2320 lec LINEAR SYSTEMS	CLASSROOM	33	NA
EC2400 lab DISCRETE SYSTEMS	PC/CAD	22	NA
EC2400 lec DISCRETE SYSTEMS	CLASSROOM	33	NA
EC2410 lec FOURIER ANL:SGNL&SYS	CLASSROOM	33	NA
EC2420 lec LINEAR SYSTEMS	CLASSROOM	33	NA
EC2450 lec ACCEL REV LINEAR SYSTM	CLASSROOM	44	NA
EC2500 lec PRINCIPLES OF COM SYS	CLASSROOM	33	NA
"EC2600 lec INTRO, FIELDS & WAVES"	CLASSROOM	44	NA
EC2610 lec ELECTROMAGNETIC ENGRG	CLASSROOM	33	NA
EC2650 lec ACCL REV ELECTROMAG	CLASSROOM	44	NA

EC2800 lec INTRO:MICROPROCESSORS	CLASSROOM	33	NA
EC2810 lec DIGITAL MACHINES	CLASSROOM	33	NA
EC2810 lab DIGITAL MACHINES	CLASSROOM	22	NA
EC2820 lec DIGITAL LOGIC CIRCS	CLASSROOM	33	NA
EC2820 lab DIGITAL LOGIC CIRCS	CLASSROOM	22	NA
EC2890 lab DIGITAL CIRCUIT DESIGN	CLASSROOM	66	NA
EC2990 lec ANTENNA DESIGN	CLASSROOM	22	NA
EC2990 lab ANTENNA DESIGN	CLASSROOM	44	NA
EC2990 lec CAD DESIGN	CLASSROOM	22	NA
EC2990 lab CAD DESIGN	CLASSROOM	44	NA
EC2990 lec DES OF DIG IF RECEIVER	CLASSROOM	22	NA
EC2990 lab DES OF DIG IF RECEIVER	CLASSROOM	44	NA
EC2990 lec DES PROJ IN EE	CLASSROOM	22	NA
EC2990 lab DES PROJ IN EE	CLASSROOM	44	NA
EC2990 lec DIGITAL RF POWER MEASU	CLASSROOM	22	NA
EC2990 lab DIGITAL RF POWER MEASU	CLASSROOM	44	NA
EC2990 lec ELECT ENGIN DESIGN	CLASSROOM	22	NA
EC2990 lab ELECT ENGIN DESIGN	CLASSROOM	44	NA
EC2990 lec EM SCATTERING	CLASSROOM	22	NA
EC2990 lab EM SCATTERING	CLASSROOM	44	NA
EC2990 lec ENERGY CIRCUITS	CLASSROOM	22	NA
EC2990 lab ENERGY CIRCUITS	CLASSROOM	44	NA
EC2990 lec EW LABORATORY ENHANCE	CLASSROOM	22	NA
EC2990 lab EW LABORATORY ENHANCE	CLASSROOM	44	NA
EC2990 lec FIBER OPTIC DATA LINKS	CLASSROOM	22	NA
EC2990 lab FIBER OPTIC DATA LINKS	CLASSROOM	44	NA
EC2990 lab FIBER OPTIC IMPLEMENTA	CLASSROOM	44	NA
EC2990 lec GPS	CLASSROOM	22	NA
EC2990 lab GPS	CLASSROOM	44	NA
EC2990 lec MISSILE CONTROLS	CLASSROOM	22	NA
EC2990 lab MISSILE CONTROLS	CLASSROOM	44	NA

EC2990 lec SIGNAL DESCRAMBLER	CLASSROOM	22	NA
EC2990 lab SIGNAL DESCRAMBLER	CLASSROOM	44	NA
EC2990 lec SPEC STUD IN FIBER OP	CLASSROOM	22	NA
EC2990 lab SPEC STUD IN FIBER OP	CLASSROOM	44	NA
EC3210 lec INTRO ELECTRO-OPT ENG	CLASSROOM	33	NA
EC3270 lec POWER ELECTRONICS	CLASSROOM	33	NA
EC3270 lab POWER ELECTRONICS	CLASSROOM	22	NA
EC3310 lec LINEAR OPTIMAL ESTMATN	CLASSROOM	33	NA
EC3400 lec DIGITAL SIGNAL PROC	CLASSROOM	33	NA
EC3400 lab DIGITAL SIGNAL PROC	CLASSROOM	11	NA
EC3410 lec INTRO DISC-TIME PROC	CLASSROOM	44	NA
EC3420 lab DIGITAL SIGNAL PROCESS	PC/CAD	11	NA
EC3420 lec DIGITAL SIGNAL PROCESS	CLASSROOM	33	NA
EC3440 lec IMAGE PROCSNG & RECOG	CLASSROOM	33	NA
EC3440 lab IMAGE PROCSNG & RECOG	CLASSROOM	22	NA
EC3450 lec ACOUSTIC FIELD THEORY	CLASSROOM	44	NA
EC3500 lec ANALY RANDOM SIGNALS	CLASSROOM	44	NA
EC3510 lec COMMUNICATIONS ENGRG	CLASSROOM	33	NA
EC3510 lab COMMUNICATIONS ENGRG	CLASSROOM	11	NA
EC3550 lec FIBEROPTIC SYSTEMS	CLASSROOM	33	NA
EC3600 lec ELECTROMAG RADIATION	CLASSROOM	33	NA
EC3610 lec MICROWAVE CIRCUITS	CLASSROOM	33	NA
EC3620 lec MICROWAVE DEVICES	CLASSROOM	33	NA
EC3630 lec RADIOWAVE PROPAGATION	CLASSROOM	33	NA
EC3650 lec COMPUT ELECTROMAG MODL	CLASSROOM	22	NA
EC3670 lec PRINS OF RADAR SYSTS	CLASSROOM	44	NA
EC3800 lec MICROPROC SYST DESIGN	CLASSROOM	33	NA
EC3820 lec COMPUTER SYSTEMS	CLASSROOM	33	NA
EC3830 lec DIGITAL DESIGN METHOD	CLASSROOM	33	NA
EC3840 lec INTRO COMPTR ARCHITECT	CLASSROOM	33	NA
EC3840 lab INTRO COMPTR ARCHITECT	CLASSROOM	11	NA

EC3910 lec A/D QUANTIZATION NOISE	CLASSROOM	11	NA
EC3910 lab A/D QUANTIZATION NOISE	CLASSROOM	22	NA
EC3910 lec COMMUNIC AND COUNTRMEA	CLASSROOM	33	NA
EC3910 lec TOPICS IN EE	CLASSROOM	33	NA
EC3910 lab TOPICS IN EE	CLASSROOM	11	NA
EC3910 lab TOPICS IN EE	CLASSROOM	44	NA
EC3930 lec TOPICS IN EE AND CE	CLASSROOM	44	NA
EC3930 lab TOPICS IN EE AND CE	CLASSROOM	11	NA
EC3940 lec SIGINT SYS&CAPABILITIE	CLASSROOM	22	NA
EC3940 lab SIGINT SYS&CAPABILITIE	CLASSROOM	22	NA
EC3950 lec INTRO TO ROBOTICS	CLASSROOM	33	NA
EC3950 lab INTRO TO ROBOTICS	CLASSROOM	11	NA
EC3960 lec ELECTRIC MACHINERY SYS	CLASSROOM	33	NA
EC3960 lec ELECTRIC MACHINERY SYS	CLASSROOM	44	NA
EC3990 lec SPACE POWER	CLASSROOM	33	NA
EC3990 lab SPACE POWER	CLASSROOM	11	NA
EC3990 lec ULTRA-WIDE BAND RADAR	CLASSROOM	33	NA
EC4000 lec FUTURE ENGINEERING PRA	CLASSROOM	33	NA
EC4010 lec PRINCIP SYS MANAGEMENT	CLASSROOM	33	NA
EC4100 lec ADV NETWORK THEORY	CLASSROOM	33	NA
EC4100 lab ADV NETWORK THEORY	CLASSROOM	11	NA
EC4210 lec ELECTRO-OPTIC SYS ENGR	CLASSROOM	33	NA
EC4310 lec DIGITAL CONTROL SYST	CLASSROOM	33	NA
"EC4330 lec NAVIGATN,MISL&AVIONICS"	CLASSROOM	22	NA
"EC4340 lec NAVIGATN,MISL&AVIONICS"	CLASSROOM	22	NA
EC4350 lec NONLINEAR SYSTEMS	CLASSROOM	33	NA
EC4350 lab NONLINEAR SYSTEMS	CLASSROOM	11	NA
EC4360 lec SYSTEM IDENTIFICATION	CLASSROOM	33	NA
EC4360 lab SYSTEM IDENTIFICATION	CLASSROOM	11	NA
EC4370 lec MATH MOD&SIM/CNTRL SYS	CLASSROOM	44	NA
EC4410 lec SPEECH SIGNAL PROCESS	CLASSROOM	33	NA

EC4420 lec MODERN SPECTRAL ESTIMA	CLASSROOM	33	NA
EC4420 lab MODERN SPECTRAL ESTIMA	CLASSROOM	11	NA
EC4440 lec DIGITAL SIGNAL PROCSNG	CLASSROOM	33	NA
EC4440 lab DIGITAL SIGNAL PROCSNG	CLASSROOM	11	NA
EC4450 lec SONAR SYSTEMS ENGRG	CLASSROOM	44	NA
EC4460 lec PRIN OF SYSTEMS ENGRG	CLASSROOM	33	NA
EC4470 lec ADAPTIVE SIGNAL PROCES	CLASSROOM	33	NA
EC4480 lec IMAGE PROC & RECOGNI	CLASSROOM	33	NA
EC4550 lec DIGITAL COMMUNICATION	CLASSROOM	44	NA
EC4560 lec COMMUNICATIONS ECCM	CLASSROOM	33	NA
EC4560 lab COMMUNICATIONS ECCM	CLASSROOM	22	NA
EC4570 lec DECISION & EST THEORY	CLASSROOM	44	NA
EC4580 lec INFORMATION THEORY	CLASSROOM	44	NA
EC4590 lec COMM SATELLITE SYST	CLASSROOM	33	NA
EC4610 lec RADAR SYSTEMS	CLASSROOM	33	NA
EC4620 lec RADAR SYSTEMS	CLASSROOM	33	NA
EC4670 lec ELECTRONIC WARFARE	CLASSROOM	44	NA
EC4680 lec ELEX WARFARE TECH&SYS	CLASSROOM	33	NA
EC4690 lec PRINC ELECT WARFARE	CLASSROOM	33	NA
EC4800 lec ADV TOP IN COMP ARCHIT	CLASSROOM	33	NA
EC4810 lec FAULT TOLERANT COMPTR	CLASSROOM	33	NA
EC4820 lec ADV COMPTR ARCHITECTUR	CLASSROOM	33	NA
EC4820 lab ADV COMPTR ARCHITECTUR	CLASSROOM	11	NA
EC4820 lec COMPTR ARCHITECTURES	CLASSROOM	33	NA
EC4820 lab COMPTR ARCHITECTURES	CLASSROOM	11	NA
EC4830 lec DIGITAL COMP DESIGN	CLASSROOM	33	NA
EC4830 lab DIGITAL COMP DESIGN	CLASSROOM	11	NA
EC4850 lec COMP COMM METHODS	CLASSROOM	33	NA
EC4870 lec VLSI SYSTEMS DESIGN	CLASSROOM	33	NA
EC4900 lec ACC REV ELECTROMGNETIC	CLASSROOM	44	NA
EC4900 lab ACC REV ELECTROMGNETIC	CLASSROOM	22	NA

EC4900 lec ACOUSTIC SIGNAL LOCALI	CLASSROOM	33	NA
EC4900 lab ACOUSTIC SIGNAL LOCALI	CLASSROOM	11	NA
EC4900 lec ACOUSTIC SIGNAL PROCES	CLASSROOM	33	NA
EC4900 lab ACOUSTIC SIGNAL PROCES	CLASSROOM	11	NA
EC4900 lec ADA ENGINEERING APPLIC	CLASSROOM	11	NA
EC4900 lab ADA ENGINEERING APPLIC	CLASSROOM	44	NA
EC4900 lec ADV DIGITAL IC DESIGN	CLASSROOM	22	NA
EC4900 lab ADV DIGITAL IC DESIGN	CLASSROOM	22	NA
EC4900 lec ADV FOURIER ANALYSIS	CLASSROOM	33	NA
EC4900 lec ADV TEST LAYOUT VLSI	CLASSROOM	33	NA
EC4900 lab ADV TEST LAYOUT VLSI	CLASSROOM	44	NA
EC4900 lec ADV UNIX PROGRAMMING	CLASSROOM	11	NA
EC4900 lab ADV UNIX PROGRAMMING	CLASSROOM	44	NA
EC4900 lec ADV VLSI DESIGN	CLASSROOM	11	NA
EC4900 lab ADV VLSI DESIGN	CLASSROOM	44	NA
EC4900 lec ADV VLSI LAYOUT & DESI	CLASSROOM	33	NA
EC4900 lab ADV VLSI LAYOUT & DESI	CLASSROOM	55	NA
EC4900 lab ADV VSLI DESIGN	CLASSROOM	33	NA
EC4900 lec ADV VSLI DESIGN	CLASSROOM	22	NA
EC4900 lec ADVANCED SLSI DESIGN	CLASSROOM	33	NA
EC4900 lab ADVANCED SLSI DESIGN	CLASSROOM	44	NA
EC4900 lec ADVANCED VLSI DESIGN	CLASSROOM	55	NA
EC4900 lab ADVANCED VLSI DESIGN	CLASSROOM	22	NA
EC4900 lec ADVANCED VSLI DESIGN	CLASSROOM	33	NA
EC4900 lab ADVANCED VSLI DESIGN	CLASSROOM	66	NA
EC4900 lec ANALOG VLSI	CLASSROOM	33	NA
EC4900 lab ANALOG VLSI	CLASSROOM	11	NA
EC4900 lec APP BACK PROPAGATION	CLASSROOM	22	NA
EC4900 lec ARMA MODEL TRANSIENT E	CLASSROOM	22	NA
EC4900 lec BANDPASS SIG SAMPLING	CLASSROOM	44	NA
EC4900 lec CACHE MEMORY BEHAVIOR	CLASSROOM	44	NA

EC4900 lab CACHE MEMORY BEHAVIOR	CLASSROOM	44	NA
EC4900 lec CLASS. & ARCHIRING	CLASSROOM	11	NA
EC4900 lab CLASS. & ARCHIRING	CLASSROOM	44	NA
EC4900 lec CMPILE TECH GRAIN DATA	CLASSROOM	33	NA
EC4900 lec COMM SATELLITE SYS ENG	CLASSROOM	33	NA
EC4900 lec COMPILERS DISTR COMPUT	CLASSROOM	33	NA
EC4900 lec COMPUTER SECURITY	CLASSROOM	11	NA
EC4900 lab COMPUTER SECURITY	CLASSROOM	33	NA
EC4900 lec CYCLIC SPECTRUM ANALYS	CLASSROOM	11	NA
EC4900 lec DATA COMP CODE COMM	CLASSROOM	44	NA
EC4900 lec DGS ALGORITHM	CLASSROOM	11	NA
EC4900 lab DGS ALGORITHM	CLASSROOM	44	NA
EC4900 lec DIGITAL SIGPROL TECH	CLASSROOM	33	NA
EC4900 lec DIRECTION FIND TECHNI	CLASSROOM	22	NA
EC4900 lec DISC WAVELET TRANSFORM	CLASSROOM	33	NA
EC4900 lec DITHER SIGNALS APPL	CLASSROOM	22	NA
EC4900 lab DITHER SIGNALS APPL	CLASSROOM	11	NA
EC4900 lec ELECTRIC MACHINE SIMUL	CLASSROOM	33	NA
EC4900 lec ELECTRO MECHANICAL MAC	CLASSROOM	33	NA
EC4900 lab FILE ARCHIVING AND PAR	CLASSROOM	44	NA
EC4900 lec FUND OF GAAS DESIGN	CLASSROOM	33	NA
EC4900 lab FUND OF GAAS DESIGN	CLASSROOM	11	NA
EC4900 lec FUZZY LOG SYS/VEC QUAN	CLASSROOM	33	NA
EC4900 lec GAL ARS DIG INTEG CIR	CLASSROOM	33	NA
EC4900 lec GRP MEMBRSHP PROTOCOLS	CLASSROOM	33	NA
EC4900 lec INTEGRATED OPTICS	CLASSROOM	33	NA
EC4900 lab INTEGRATED OPTICS	CLASSROOM	22	NA
EC4900 lec JAMMING ON RADAR PERFO	CLASSROOM	22	NA
EC4900 lec KF APPLICATIONS	CLASSROOM	33	NA
EC4900 lec LINK ENHANC DIST SYS	CLASSROOM	11	NA
EC4900 lab LINK ENHANC DIST SYS	CLASSROOM	44	NA

EC4900 lec LINK ENHANC NETWORK	CLASSROOM	44	NA
EC4900 lec LUX ILLUM ANALYSIS	CLASSROOM	33	NA
EC4900 lec LUX PRED ALGORITHMS	CLASSROOM	22	NA
EC4900 lec MICROWAVE CIRCUITS	CLASSROOM	11	NA
EC4900 lab MICROWAVE CIRCUITS	CLASSROOM	22	NA
EC4900 lec MODEL OF DYNAMIC SYSTE	CLASSROOM	11	NA
EC4900 lec MODER AND DIGIT CONTRL	CLASSROOM	44	NA
EC4900 lec MODERN CTRL THEORY	CLASSROOM	33	NA
EC4900 lec MULTI DIMEN DIGIT SIG	CLASSROOM	33	NA
EC4900 lab MULTI DIMEN DIGIT SIG	CLASSROOM	11	NA
EC4900 lec MULTIRESOLUTION SIGNAL	CLASSROOM	22	NA
EC4900 lec NAVAL POWER SYSTEM	CLASSROOM	44	NA
EC4900 lec NETWORK PROGRAMMING	CLASSROOM	44	NA
EC4900 lab NETWORK PROGRAMMING	CLASSROOM	11	NA
EC4900 lec NETWORK SECURITY	CLASSROOM	22	NA
EC4900 lab NETWORK SECURITY	CLASSROOM	44	NA
EC4900 lec NEURAL NET/FUZZY INTER	CLASSROOM	22	NA
EC4900 lab NEURAL NET/FUZZY INTER	CLASSROOM	44	NA
EC4900 lec NOISE IMPACTS ON COMMU	CLASSROOM	22	NA
EC4900 lec NONLINEAR CTRL SYS	CLASSROOM	44	NA
EC4900 lec PARABOLIC APPROXIMATIO	CLASSROOM	33	NA
EC4900 lec RAD HARD MICRO SPACE	CLASSROOM	33	NA
EC4900 lab RAD HARD MICRO SPACE	CLASSROOM	22	NA
EC4900 lec RADAR PERFORMANCE	CLASSROOM	22	NA
EC4900 lec RADAR SIGNAL PROCESSIN	CLASSROOM	33	NA
EC4900 lec RELA OF C3I APPS TO CO	CLASSROOM	33	NA
EC4900 lec RISC MICRO ARCHITECTUR	CLASSROOM	11	NA
EC4900 lab RISC MICRO ARCHITECTUR	CLASSROOM	44	NA
EC4900 lec ROUTE FLOW CTRL ATM	CLASSROOM	44	NA
EC4900 lec SCI & ATM VIDEO MULTI	CLASSROOM	22	NA
EC4900 lec SIGNAL MODELLING	CLASSROOM	33	NA

EC4900 lec SIGNALS INTELLIGENCE	CLASSROOM	22	NA
EC4900 lec SIMULATED ANNEALINGS	CLASSROOM	22	NA
EC4900 lab SIMULATED ANNEALINGS	CLASSROOM	44	NA
EC4900 lec SOLID STATE PWR CONVER	CLASSROOM	44	NA
EC4900 lec SONAR RANGE ENHANCEMEN	CLASSROOM	22	NA
EC4900 lab SONAR RANGE ENHANCEMEN	CLASSROOM	22	NA
EC4900 lec SPEAKER RECOGNITION	CLASSROOM	22	NA
EC4900 lab SPEAKER RECOGNITION	CLASSROOM	11	NA
EC4900 lec SPEC TOP IN ELEC ENGR	CLASSROOM	22	NA
EC4900 lec SPEC TOP IN ELEC ENGR	CLASSROOM	33	NA
EC4900 lec SPEC TOP IN SIGNAL PRO	CLASSROOM	22	NA
EC4900 lab SPEC TOP IN SIGNAL PRO	CLASSROOM	22	NA
EC4900 lec SPECIAL TOPICS IN EE	CLASSROOM	11	NA
EC4900 lab SPECIAL TOPICS IN EE	CLASSROOM	11	NA
EC4900 lec SPECIAL TOPICS IN EE	CLASSROOM	22	NA
EC4900 lab SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4900 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4900 lec SPECIAL TOPICS IN EE	CLASSROOM	44	NA
EC4900 lec SPREAD SPECTRUM SYNCHR	CLASSROOM	33	NA
EC4900 lec STUDY OF CRYPTOGRAPHY	CLASSROOM	22	NA
EC4900 lab STUDY OF CRYPTOGRAPHY	CLASSROOM	44	NA
EC4900 lec STUDY OF SILICON COMPI	CLASSROOM	11	NA
EC4900 lab STUDY OF SILICON COMPI	CLASSROOM	33	NA
EC4900 lec TCP/IP PROTOCOLS	CLASSROOM	22	NA
EC4900 lec TOOLS FAULT TOLERANT D	CLASSROOM	22	NA
EC4900 lec TROPOSPHER WAVE PROPAG	CLASSROOM	44	NA
EC4900 lec TROPOSPHERIC PROPAGATI	CLASSROOM	33	NA
EC4900 lec TURBULENCE IN ATMOSPHE	CLASSROOM	33	NA
EC4900 lec UHF SATELLITE CHANNEL	CLASSROOM	22	NA
EC4900 lec ULTRA WIDEBAND RADAR	CLASSROOM	33	NA
EC4900 lec VIRTUAL REAL LAB VIEW	CLASSROOM	11	NA

EC4900 lab VIRTUAL REAL LAB VIEW	CLASSROOM	22	NA
EC4900 lec VLSI IMPLEMENTATION	CLASSROOM	22	NA
EC4900 lab VLSI IMPLEMENTATION	CLASSROOM	66	NA
EC4900 lec WAVELET TRANSFORMS	CLASSROOM	22	NA
EC4910 lec ADVANCED TOPICS IN EE	CLASSROOM	33	NA
EC4910 lec APP METH MATCH LOAD	CLASSROOM	33	NA
EC4910 lec DATA COMP MOBILE COMM	CLASSROOM	66	NA
EC4910 lec KF APPLICATIONS	CLASSROOM	33	NA
EC4910 lec ROBUST MULTVAR CONTROL	CLASSROOM	33	NA
EC4910 lab ROBUST MULTVAR CONTROL	CLASSROOM	22	NA
EC4910 lec SPACE POWER	CLASSROOM	33	NA
EC4910 lab SPACE POWER	CLASSROOM	11	NA
EC4910 lec SPECTOPICS CTRL THEORY	CLASSROOM	44	NA
EC4910 lec THERMAL IMAGING TEMP D	CLASSROOM	44	NA
EC4910 lab UAV/RPV	CLASSROOM	44	NA
EC4910 lec WDM FOBER OPTIC NTWKS	CLASSROOM	33	NA
EC4920 lec OPTICAL ENGINEERING	CLASSROOM	44	NA
EC4920 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4920 lec TRELLIS CODED MODULATI	CLASSROOM	33	NA
EC4940 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4940 lab SPECIAL TOPICS IN EE	CLASSROOM	22	NA
EC4950 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4960 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4960 lab SPECIAL TOPICS IN EE	CLASSROOM	11	NA
EC4960 lec SPECIAL TOPICS IN EE	CLASSROOM	44	NA
EC4970 lec RADAR SIGNAL PROCESSIN	CLASSROOM	33	NA
EC4970 lec SPECIAL TOPICS IN EE	CLASSROOM	44	NA
EC4970 lab SPECIAL TOPICS IN EE	CLASSROOM	22	NA
EC4980 lec SPECIAL TOPICS IN EE	CLASSROOM	33	NA
EC4980 lab SPECIAL TOPICS IN EE	CLASSROOM	11	NA
EC4980 lec SPECIAL TOPICS IN EE	CLASSROOM	44	NA

EC4990 lec ESM RECEIVERS	CLASSROOM	22	NA
EC4990 lec RADAR SIGNAL PROCESSIN	CLASSROOM	33	NA
EC4990 lec SPECIAL TOPICS IN EE	CLASSROOM	22	NA
EC4990 lab SPECIAL TOPICS IN EE	CLASSROOM	22	NA
EC4990 lec TOPS IN RADAR SIG PROC	CLASSROOM	33	NA
EC4991 lec ULTRA WIDEBAND RADAR	CLASSROOM	33	NA
EO2710 lec INTRO TO SIGNAL& SYS	CLASSROOM	44	NA
EO2710 lab INTRO TO SIGNAL& SYS	CLASSROOM	22	NA
EO2720 lec INTRO TO ELEC SYSTEMS	CLASSROOM	44	NA
EO2720 lab INTRO TO ELEC SYSTEMS	CLASSROOM	22	NA
EO2740 lec INTRO TO LINEAR SYSTMS	CLASSROOM	44	NA
EO2740 lab INTRO TO LINEAR SYSTMS	CLASSROOM	11	NA
EO2750 lec COMMO SYSTEMS	CLASSROOM	44	NA
EO2750 lab COMMO SYSTEMS	CLASSROOM	22	NA
"EO2760 lec INTRO TO FILEDS, WAVES"	CLASSROOM	44	NA
EO2770 lec ELECTROMAGNETIC ENGRG	CLASSROOM	33	NA
EO2770 lab ELECTROMAGNETIC ENGRG	CLASSROOM	11	NA
EO2790 lec SURVEY OF COMM SYSTEMS	CLASSROOM	44	NA
EO3512 lec COMMUN&COUNTERMEASURES	CLASSROOM	33	NA
EO3512 lab COMMUN&COUNTERMEASURES	CLASSROOM	11	NA
EO3720 lec ANALY RANDOM SIGNALS	CLASSROOM	44	NA
EO3740 lec SPACE POWER & RADIATIO	CLASSROOM	33	NA
EO3750 lec COMM SYSTEM ANALYSIS	CLASSROOM	44	NA
EO3760 lec ELECTROMAG RADIATION	CLASSROOM	44	NA
EO3760 lab ELECTROMAG RADIATION	CLASSROOM	22	NA
"EO3780 lec ELEC WARFARE,COMPUTER"	CLASSROOM	33	NA
EO3816 lec COMP ARCH MILITARY APP	CLASSROOM	33	NA
EO4730 lec ELECTRO-OPTIC SYS/CNTR	CLASSROOM	33	NA
EO4730 lab ELECTRO-OPTIC SYS/CNTR	CLASSROOM	11	NA
EO4760 lec MICROWAVE DEV & RADAR	CLASSROOM	44	NA

EO4760 lab MICROWAVE DEV & RADAR	CLASSROOM	22	NA
EO4780 lec ELEX WARFARE SYSTEMS	CLASSROOM	33	NA
EO4780 lab ELEX WARFARE SYSTEMS	CLASSROOM	22	NA
EO4790 lab UAV/RPF	CLASSROOM	44	NA
EW0002 lab SEMINAR	CLASSROOM	11	NA
EW0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
EW4910 lec CON & APPL IN SPACE EW	CLASSROOM	44	NA
IS0001 lab SEM COMPUTER SYS MGMNT	CLASSROOM	22	NA
IS0123 lab COMPUTER SKILLS DEV	DECISION SUPPORT	22	NA
IS0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
IS2000# lec INTRO TO COMPUTER MGT	CLASSROOM	16	NA
IS2000 lab INTRO TO COMPUTER MGT	DECISION SUPPORT	11	NA
IS3020 lec SOFWARE DESIGN	CLASSROOM	33	NA
IS3020 lab SOFWARE DESIGN	CLASSROOM	22	NA
IS3170 lec ECON EVAL INFO SYS I	CLASSROOM	44	NA
IS3171 lec ECON EVAL INFO SYS II	CLASSROOM	44	NA
IS3183 lec MGMT INFO SYSTEMS	DECISION SUPPORT	44	NA
IS3502# lec CMPTR NETWORKS: WA/LA	DECISION SUPPORT	22	NA
IS3503 lec MICROCOMPUTER NETWORKS	CLASSROOM	33	NA
IS3503 lab MICROCOMPUTER NETWORKS	DECISION SUPPORT	22	NA
IS4182 lec INFO SYSTS MGMT	CLASSROOM	44	NA
IS4183 lec APPL OF DATABASE MGT	CLASSROOM	44	NA
IS4183 lab APPL OF DATABASE MGT	CLASSROOM	11	NA
IS4184 lec INFO RESOURCE MGMT	CLASSROOM	44	NA
IS4185# lec DECISION SUPPORT SYSTS	CLASSROOM	22	NA
IS4185 lab DECISION SUPPORT SYSTS	DECISION SUPPORT	11	NA
IS4200 lec SYST Anl Y & DESIGN	CLASSROOM	44	NA
IS4320 lec DBASE & INFORM RES C3	CLASSROOM	44	NA
IS4502# lec TELECOMMUNICATIONS NET	DECISION SUPPORT	22	NA
IS4800 lec ADV INFO SYS	CLASSROOM	44	NA
IS4800 lec ADV TOP IN DATA MODEL	CLASSROOM	44	NA

IS4800 lab ADV TOP IN DATA MODEL	CLASSROOM	11	NA
IS4800 lec ADV WIRE LOCAL NETWORK	CLASSROOM	44	NA
IS4800 lec APPL THEILS INEQ TEST	CLASSROOM	44	NA
IS4800 lec ARTIFICIAL INTELLIGENC	CLASSROOM	44	NA
IS4800 lec BUSINESS PROCESS REENG	CLASSROOM	44	NA
IS4800 lec CALS RESEARCH	CLASSROOM	44	NA
IS4800 lec CHANGE IMPLEMENTATION	CLASSROOM	44	NA
IS4800 lec COMP SUPT COLLABORATIV	CLASSROOM	44	NA
IS4800 lec COST BENEFIT Anl ADP	CLASSROOM	44	NA
IS4800 lec DBASE PROJECT	CLASSROOM	44	NA
IS4800 lec DIR STUD ADV INFO SYS	CLASSROOM	33	NA
IS4800 lab DIR STUD ADV INFO SYS	CLASSROOM	11	NA
IS4800 lec DIR STUD ADV INFO SYS	CLASSROOM	44	NA
IS4800 lec DIR STUD INFO TECHNOLO	CLASSROOM	44	NA
IS4800 lec DOD DOCUMENTATION	CLASSROOM	44	NA
IS4800 lec DYN DEC SYS SIM IN C	CLASSROOM	44	NA
IS4800 lec DYNAMIC DECISION SYS	CLASSROOM	44	NA
IS4800 lec ECON TECH INFO SYSTEMS	CLASSROOM	44	NA
IS4800 lec EMBEDDED COMP SYSTEMS	CLASSROOM	44	NA
IS4800 lec EVAL ACADEMIC RESOURCE	CLASSROOM	44	NA
IS4800 lab EVAL ACADEMIC RESOURCE	CLASSROOM	11	NA
IS4800 lec EVAL OF UNIX O.S.	CLASSROOM	44	NA
IS4800 lec EXPERT SYS DEVELOPMENT	CLASSROOM	44	NA
IS4800 lec FOCUS GRP RES. FOR MUL	CLASSROOM	44	NA
IS4800 lec GENETIC PROGRAMMING	CLASSROOM	44	NA
IS4800 lec GEOGRAPHIC INFO SYSTEM	CLASSROOM	44	NA
IS4800 lec GRAPH USER INTER DESIG	CLASSROOM	44	NA
IS4800 lec GROUP DECISION SUP SYS	CLASSROOM	44	NA
IS4800 lec HEALTHCARE PLAN MODEL	CLASSROOM	44	NA
IS4800 lec IMPLEM ANDREW TOOLKIT	CLASSROOM	22	NA
IS4800 lec INFO SYS DEV COUNTRIES	CLASSROOM	44	NA

IS4800 lec MEASURING PRODUCTIVITY	CLASSROOM	44	NA
IS4800 lec MILITARY SATCOM ISSUES	CLASSROOM	44	NA
IS4800 lec MULTI MEDIA CD ROM	CLASSROOM	44	NA
IS4800 lec MULTIMEDIA	CLASSROOM	44	NA
IS4800 lec MULTIMEDIA INFO DESIGN	CLASSROOM	33	NA
IS4800 lab MULTIMEDIA INFO DESIGN	CLASSROOM	11	NA
IS4800 lec OPTICAL INFO SYSTEMS	CLASSROOM	33	NA
IS4800 lec PROCESS REDESIGN	CLASSROOM	44	NA
IS4800 lec PROG IN EXPERT SYS	CLASSROOM	44	NA
IS4800 lec REFINE	CLASSROOM	33	NA
IS4800 lec REQUIREMENTS TRACEABLI	CLASSROOM	44	NA
IS4800 lec SEMANTIC ISSUES HETERO	CLASSROOM	44	NA
IS4800 lec SEMINAR IN INFO SYS	CLASSROOM	44	NA
IS4800 lec SPEC ADV DBASE APP DEV	CLASSROOM	44	NA
IS4800 lec SYS Anl Y & DESIGN	CLASSROOM	33	NA
IS4800 lec SYS DEVEL USING AI	CLASSROOM	33	NA
IS4800 lec TCP/IP GOSIP TRANSITIO	CLASSROOM	44	NA
IS4800 lec WINDOWS TOOLKIT PROGRA	CLASSROOM	44	NA
IS4800 lec WIRELESS MOBILE COMMUN	CLASSROOM	44	NA
IS4925 lec ADV STUDY EXP SYS	CLASSROOM	44	NA
IS4925 lec EVAL DOD SOFTWARE SYS	CLASSROOM	44	NA
IS4925 lec INTRO TO COMP MGMT	CLASSROOM	33	NA
IS4925 lab INTRO TO COMP MGMT	CLASSROOM	11	NA
IS4925 lec MIS IN DOD	CLASSROOM	44	NA
IS4925 lec MULTIMEDIA AUTHORING	CLASSROOM	22	NA
IS4925 lab MULTIMEDIA AUTHORING	CLASSROOM	22	NA
IS4925 lec NETWORK TECH HYPERTAT	CLASSROOM	44	NA
IS4925 lec SEMINAR INFO SYS	CLASSROOM	44	NA
IS4925 lec SEMINAR INFO SYSTEMS	CLASSROOM	44	NA
IT1500 lec AMERICAN LIFE & INST	CLASSROOM	33	NA
IT1701 lec COMMUNICATION SKILL 1	CLASSROOM	44	NA

MA0117 lec REFRESHER MATH	CLASSROOM	33	NA
MA0117 lab REFRESHER MATH	CLASSROOM	33	NA
MA0118 lec REFRESHER MATH	CLASSROOM	33	NA
MA0118 lab REFRESHER MATH	CLASSROOM	33	NA
MA0125 lec LOGIC & SET THEORY	CLASSROOM	33	NA
MA0142 lec RFRSHR: MATRIX ALGEBRA	CLASSROOM	22	NA
MA0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
MA1042 lec MATRIX ALGEBRA	CLASSROOM	22	NA
MA1117 lec SINGLE VARIABLE CALC	CLASSROOM	55	NA
MA1118 lec MULTIVARIABLE CALC	CLASSROOM	55	NA
MA1118 lab MULTIVARIABLE CALC	CLASSROOM	22	NA
"MA1248 lec APPL MATH C3,SS,COM"	CLASSROOM	44	NA
MA2025 lec BRIDGE TO ADV MATH	CLASSROOM	44	NA
MA2025 lab BRIDGE TO ADV MATH	CLASSROOM	11	NA
MA2049 lec VECTOR Anl YSIS	CLASSROOM	33	NA
MA2121 lec DIFFERENTIAL EQUATIONS	CLASSROOM	44	NA
MA2138 lec TOP CALC & DIFF EQNS	CLASSROOM	55	NA
MA2300 lec MATH FOR MANAGEMENT	CLASSROOM	55	NA
MA3026 lec DISCRETE MATH	CLASSROOM	55	NA
MA3046 lec MATRX & COMP LNR ALGEB	CLASSROOM	44	NA
MA3046 lab MATRX & COMP LNR ALGEB	CLASSROOM	11	NA
MA3110 lec INTERMED ANALYSIS	CLASSROOM	44	NA
MA3132 lec PART DIFF EQ INT TRANS	CLASSROOM	44	NA
"MA3139 lec FOURIER Anl Y,DIFF EQN"	CLASSROOM	44	NA
MA3232 lec NUMERICAL ANALYSIS	CLASSROOM	44	NA
MA3243 lec NUM METH PAR DIFF EQ	CLASSROOM	44	NA
MA3243 lab NUM METH PAR DIFF EQ	CLASSROOM	11	NA
MA3393 lec TOPICS IN APPLIED MATH	CLASSROOM	33	NA
MA3400 lec MATH MODELING PROCESS	CLASSROOM	44	NA
MA3560 lec MODERN APPLIED ALGEBRA	CLASSROOM	33	NA
MA3605 lec FUND OF ANALYSIS I	CLASSROOM	33	NA

MA3606 lec FUND OF ANALYSIS II	CLASSROOM	33	NA
"MA3610 lec INTRO, GEN TOPOLOGY"	CLASSROOM	33	NA
MA3675 lec COMPLEX VARIABLE I	CLASSROOM	33	NA
MA3676 lec COMPLEX VARIABLE II	CLASSROOM	33	NA
MA3730 lec NUMERICAL COMPUTATION	CLASSROOM	33	NA
MA4026 lec COMBINATORIAL MATHEMAT	CLASSROOM	44	NA
MA4027 lec GRAPH THEORY & APPLICA	CLASSROOM	44	NA
MA4103 lec THESIS TOPICS SEMINAR	CLASSROOM	33	NA
MA4230 lec NUMRCL FUNCTIONAL ANLS	CLASSROOM	33	NA
MA4237 lec ADV TOP IN NUM ANALYSI	CLASSROOM	22	NA
"MA4237 lab ADV TOPICS, NUM Anl Y"	CLASSROOM	11	NA
"MA4237 lec ADV TOPICS, NUM Anl Y"	CLASSROOM	33	NA
"MA4237 lec ADV TOPICS, NUM Anl Y"	CLASSROOM	44	NA
MA4237 lec CRYPTOGRAPHY	CLASSROOM	44	NA
MA4243 lec NUMERICAL SOL DIFF PRO	CLASSROOM	33	NA
MA4243 lab NUMERICAL SOL DIFF PRO	CLASSROOM	11	NA
MA4245 lec FINITE ELEMENT METHODS	CLASSROOM	33	NA
MA4248 lec MATRIX COMPUTATIONS	CLASSROOM	33	NA
MA4248 lab MATRIX COMPUTATIONS	CLASSROOM	11	NA
MA4261 lec PARALLEL SCIEN COMPUTA	CLASSROOM	33	NA
MA4261 lab PARALLEL SCIEN COMPUTA	CLASSROOM	22	NA
MA4303 lec REGRESSION ANALYSIS	CLASSROOM	44	NA
MA4311 lec CALCULUS OF VARIATIONS	CLASSROOM	33	NA
MA4322 lec PRIN & TECH APLD MATHI	CLASSROOM	33	NA
MA4323 lec PRIN & TECH APL MATHII	CLASSROOM	33	NA
MA4362 lec ORBITAL MECHANICS	CLASSROOM	33	NA
MA4372 lec INTEGRAL TRANSFORMS	CLASSROOM	33	NA
"MA4391 lec ANL METH, FLUID DYN"	CLASSROOM	44	NA
"MA4392 lec NUM METH,FLUID DYN"	CLASSROOM	44	NA
MA4393 lec ELAS & BEAM VIBRATION	CLASSROOM	33	NA
MA4393 lec FOURIER Anl & TRANSFO	CLASSROOM	33	NA

"MA4393 lec MULTIGRID,LEVEL METHOD"	CLASSROOM	11	NA
"MA4393 lab MULTIGRID,LEVEL METHOD"	CLASSROOM	22	NA
MA4393 lec SCIENT SFTWRE COMPUTAT	CLASSROOM	33	NA
MA4393 lab SCIENT SFTWRE COMPUTAT	CLASSROOM	11	NA
MA4393 lec SEMINAR IN CHAOS	CLASSROOM	33	NA
MA4393 lec TENSOR Anl YSIS	CLASSROOM	33	NA
"MA4393 lec TOPICS, APPL MATH"	CLASSROOM	33	NA
"MA4393 lab TOPICS, APPL MATH"	CLASSROOM	11	NA
MA4560 lec CODING & INFO THEORY	CLASSROOM	44	NA
MA4565 lec MODERN ADV ALGEBRA	CLASSROOM	33	NA
MA4570 lec CRYPTOGRAPHY	CLASSROOM	44	NA
MA4593 lec TOPICS IN ALGEBRA	CLASSROOM	33	NA
MA4595 lec FAST SIG ALGORITHMS	CLASSROOM	33	NA
MA4620 lec THEORY OF ORD DIFF EQ	CLASSROOM	33	NA
MA4635 lec REAL VARIABLES I	CLASSROOM	33	NA
MA4636 lec REAL VARIABLES II	CLASSROOM	33	NA
MA4693 lec SPECIAL FUNCTIONS	CLASSROOM	33	NA
MA4693 lec TOPICS IN Anl YSIS	CLASSROOM	33	NA
ME0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
ME0951 lab SEMINARS	CLASSROOM	11	NA
"ME1000 lec PREP, PROF ENG REGISTR"	CLASSROOM	33	NA
ME2101 lec ENGRG THERMODYNAMICS	CLASSROOM	44	NA
ME2101 lab ENGRG THERMODYNAMICS	CLASSROOM	11	NA
"ME2201 lec INTRO,FLUID MECHANICS"	CLASSROOM	33	NA
ME2301 lec INTRO NAVAL ARCHITECT	CLASSROOM	33	NA
ME2301 lab INTRO NAVAL ARCHITECT	CLASSROOM	11	NA
ME2440 lec DIGITAL COMP ENGR TOOL	CLASSROOM	33	NA
ME2501 lec STATICS	CLASSROOM	33	NA
ME2502 lec DYNAMICS	CLASSROOM	44	NA
ME2502 lab DYNAMICS	CLASSROOM	11	NA

ME2601 lec MECHANICS OF SOLIDS	CLASSROOM	33	NA
ME2801 lec INTRO ENGR SYS DYNAMIC	CLASSROOM	33	NA
ME2801 lab INTRO ENGR SYS DYNAMIC	CLASSROOM	22	NA
ME3150 lec HEAT TRANSFER	CLASSROOM	44	NA
ME3150 lab HEAT TRANSFER	CLASSROOM	11	NA
ME3150 lab HEAT TRANSFER	CLASSROOM	22	NA
ME3201 lec INTERMED FLUID MECH	CLASSROOM	33	NA
ME3201 lab INTERMED FLUID MECH	CLASSROOM	22	NA
"ME3220 lec STEAM PWR,REFRIG,TURBO"	CLASSROOM	33	NA
"ME3220 lab STEAM PWR,REFRIG,TURBO"	CLASSROOM	22	NA
ME3240 lec GAS TURBINE PLANTS	CLASSROOM	33	NA
ME3410 lec MECH ENG & INST MEASU	CLASSROOM	22	NA
ME3440 lec ENGINEERING ANALYSIS	CLASSROOM	44	NA
ME3521 lec MECHANICAL VIBRATION	CLASSROOM	33	NA
ME3611 lec MECHANICS OF SOLIDS II	CLASSROOM	44	NA
"ME3711 lec DESIGN, MACHINE ELEMTS"	CLASSROOM	44	NA
"ME3711 lab DESIGN, MACHINE ELEMTS"	CLASSROOM	11	NA
ME3801 lec LINEAR CONTROL SYSTEMS	CLASSROOM	33	NA
ME4160 lec APPL OF HEAT TRANSFER	CLASSROOM	44	NA
ME4161 lec CONDUCTION HEAT TRANSF	CLASSROOM	44	NA
ME4162 lec CONVECTION HEAT TRANSF	CLASSROOM	44	NA
ME4163 lec RADIATION HEAT TRANSF	CLASSROOM	33	NA
"ME4522 lec VIBRATION,NOISE,SHOCK"	CLASSROOM	44	NA
ME4525 lec SHOCK DESIGN & Anl YS	CLASSROOM	44	NA
ME4550 lec RANDOM VIBRATIONS	CLASSROOM	33	NA
ME4612 lec ADV MECH OF SOLIDS	CLASSROOM	44	NA
ME4613 lec FINITE ELEMENT METHODS	CLASSROOM	44	NA
"ME4620 lec THEORY, CONT MEDIA"	CLASSROOM	44	NA
ME4721 lec MARINE VEHICLE DESIGN	CLASSROOM	22	NA
ME4721 lab MARINE VEHICLE DESIGN	CLASSROOM	44	NA
ME4722 lec MARINE ENGRG DESIGN	CLASSROOM	22	NA

ME4722 lab MARINE ENGRG DESIGN	CLASSROOM	44	NA
ME4731 lec ENGRG DES OPTIMIZATION	CLASSROOM	44	NA
ME4811 lec MODERN CONTROL SYSTEMS	CLASSROOM	33	NA
ME4812 lec FLUID POWER CONTROL	CLASSROOM	33	NA
ME4821 lec ADVANCED DYNAMICS	CLASSROOM	33	NA
ME4821 lab ADVANCED DYNAMICS	CLASSROOM	22	NA
ME4823 lec DYNAMICS OF MARINE VEH	CLASSROOM	44	NA
ME4902 lec ADV TOP IN HYDRODYNAMI	CLASSROOM	44	NA
ME4902 lec NAV SHIP SHOCK DES ANL	CLASSROOM	44	NA
MN0001 lab SEMINAR ADMIN SCIENCE	CLASSROOM	22	NA
MN0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
MN2031 lec ECON DECISION MAKING	CLASSROOM	44	NA
MN2039 lec QUANTI METHO ECON ANLS	CLASSROOM	44	NA
MN2111 lab MNPWR PERS & TRNG I	CLASSROOM	22	NA
MN2112 lab MNPWR PERS & TRNG II	CLASSROOM	22	NA
MN2113 lab MNPWR PERS & TRNG III	CLASSROOM	22	NA
MN2150 lec FINANCIAL ACCTNG	CLASSROOM	44	NA
MN2155 lec ACCOUNTING FOR MGMT	CLASSROOM	44	NA
MN2302 lab ACQUISITN & CONTRACTNG	CLASSROOM	22	NA
MN2303 lab SEMINAR FOR PROGRM MGT	CLASSROOM	22	NA
MN2998 lec MACRO ECONOMICS	CLASSROOM	44	NA
MN3105 lec ORGANIZATION & MGT	CLASSROOM	44	NA
MN3111 lec PERS MGMT PROCESSES	CLASSROOM	44	NA
MN3140 lec MICROECONOMIC THEORY	CLASSROOM	44	NA
"MN3154 lec FIN MGMT, ARMED FORCES"	CLASSROOM	44	NA
MN3161 lec MANAG ACCOUNTING	CLASSROOM	44	NA
MN3172 lec PUB POLICY PROCESSES	CLASSROOM	44	NA
MN3301 lec SYS ACQSN & MGMT	CLASSROOM	44	NA
"MN3303 lec ACQUISITION, CONTRACT"	CLASSROOM	44	NA
MN3304 lec CONTRACT PRICING & NEG	CLASSROOM	55	NA
MN3304 lab CONTRACT PRICING & NEG	CLASSROOM	22	NA

MN3305 lec CONTRACT ADMIN	CLASSROOM	33	NA
MN3307 lec ADP ACQUISITION	CLASSROOM	44	NA
MN3312 lec CONTRACT LAW	CLASSROOM	33	NA
MN3333 lec MANAGERIAL COMM SKILLS	CLASSROOM	44	NA
MN3334 lab MGNRL COM LAB FOR INTL	CLASSROOM	11	NA
MN3371 lec CONTRACTS MGMT & ADMIN	CLASSROOM	44	NA
MN3372 lec MATERIAL LOGISTICS	CLASSROOM	44	NA
MN3373 lec TRANSPORTATION MGMT I	CLASSROOM	44	NA
MN3374 lec PRODUCTION MANAGEMENT	CLASSROOM	44	NA
MN3375 lec MAT'L HANDLING SYSTEMS	CLASSROOM	44	NA
MN3377 lec INVENTORY MGMT	CLASSROOM	44	NA
MN3760 lec MANPOWER ECONOMICS I	CLASSROOM	44	NA
MN3805 lec TQL & THE MILITARY	CLASSROOM	22	NA
MN3900 lec READING IN ADMIN SCI	CLASSROOM	44	NA
MN3900 lec READINGS IN UNIT COST	CLASSROOM	44	NA
MN3900 lec THE STRATEGIS PROCESS	CLASSROOM	44	NA
MN3902 lab MPT COMP SKILLS ENHAN	CLASSROOM	22	NA
MN4105 lec MANAGEMENT POLICY	CLASSROOM	44	NA
MN4106 lec MAN/PER POLICY Anl Y	CLASSROOM	44	NA
MN4110 lec MULTIV MPR DATA ANLS I	CLASSROOM	55	NA
MN4110 lab MULTIV MPR DATA ANLS I	CLASSROOM	11	NA
MN4111 lec MULTIV MPR DATA Anl II	CLASSROOM	55	NA
MN4111 lab MULTIV MPR DATA Anl II	CLASSROOM	11	NA
MN4115 lec TRAINING FUNDATION/MGT	CLASSROOM	44	NA
"MN4119 lec SEM,MANPOWER ANALYSIS"	CLASSROOM	44	NA
"MN4119 lab SEM,MANPOWER ANALYSIS"	CLASSROOM	44	NA
"MN4122 lec PLANNING,CONTROL,EVAL"	CLASSROOM	44	NA
MN4125 lec CHANGE IN COMPLEX ORGN	CLASSROOM	44	NA
MN4127 lec ORGANIZATIONAL THEORY	CLASSROOM	44	NA
MN4145 lec POLICY ANALYSIS	CLASSROOM	44	NA

MN4151 lec CONTROL AND AUDITING	CLASSROOM	44	NA
MN4152 lec CORP FINANCIAL MANAGMT	CLASSROOM	44	NA
MN4153 lec FINANCIAL ACCTG	CLASSROOM	44	NA
"MN4153 lec SEM, FINANCIAL MGMT"	CLASSROOM	44	NA
MN4159 lec FINAN REPTG & ANALYSIS	CLASSROOM	44	NA
MN4161 lec FINANCIAL CONTROL SYST	CLASSROOM	44	NA
MN4162 lec COST ACCOUNTING	CLASSROOM	44	NA
MN4301 lec CONTRACTING MAJOR SYS	CLASSROOM	44	NA
MN4302 lec PUB EXPEND/POL & ANL Y	CLASSROOM	44	NA
MN4305 lec DEF TECHNOLOGY POLICY	CLASSROOM	44	NA
MN4307 lec PGM MGT POLICY/CONTROL	CLASSROOM	44	NA
MN4371 lec ACQUIS & CONTR POLICY	CLASSROOM	44	NA
MN4372 lec ACQ MGMT SOFTWRE	CLASSROOM	44	NA
MN4372 lec ADV READ ADM SCIENCE	CLASSROOM	44	NA
MN4372 lec READINGS IN ADMIN SCIE	CLASSROOM	44	NA
"MN4372 lec SEM,ACQUSN/CONTR MGMT"	CLASSROOM	44	NA
MN4373 lec TRANSPORT MGMT II	CLASSROOM	44	NA
MN4376 lec DEFENSE TRANS SYSTEM	CLASSROOM	44	NA
MN4377 lec TQM/TQL:PHILOSPHY	CLASSROOM	44	NA
MN4377 lec TQM/L	CLASSROOM	44	NA
MN4650 lec MILITARY HEALTH CARE	CLASSROOM	44	NA
MN4761 lec APPLIED MANPOWER ANL Y	CLASSROOM	44	NA
MN4900 lec BUSINESS REDESIGN	CLASSROOM	44	NA
MN4900 lec CASE ANALYSIS	CLASSROOM	44	NA
MN4900 lec CASE STUDY	CLASSROOM	44	NA
MN4900 lec CHANGE THEORY	CLASSROOM	22	NA
MN4900 lec COMPUTER SECURITY	CLASSROOM	44	NA
MN4900 lec CON ADMIN MGMT	CLASSROOM	22	NA
MN4900 lec COST ESTIMATION	CLASSROOM	44	NA
MN4900 lec EMPOWRMENT MODEL APPLI	CLASSROOM	44	NA

MN4900 lec FOCUS ON TQL	CLASSROOM	33	NA
MN4900 lec GENETIC ALGORITHMS	CLASSROOM	33	NA
MN4900 lec GENETIC PROGRAMMING	CLASSROOM	33	NA
MN4900 lec I.S. ARCHITECTURES	CLASSROOM	44	NA
MN4900 lec INTEGRATED CASE	CLASSROOM	44	NA
MN4900 lec MARKETING PUBLIC SECTO	CLASSROOM	44	NA
MN4900 lec MICROECONOMICS RESEARC	CLASSROOM	44	NA
MN4900 lec MULTIRATE SIGNAL PROCE	CLASSROOM	33	NA
MN4900 lec ORGANIZATION LEARNING	CLASSROOM	44	NA
MN4900 lec ORGANIZATION THEORY	CLASSROOM	44	NA
MN4900 lec PERF MANAGEMENT	CLASSROOM	44	NA
MN4900 lec READ IN ADM SCIENCE	CLASSROOM	44	NA
MN4900 lec READ TOTL QUAL LEADERS	CLASSROOM	22	NA
MN4900 lec READINGS IN ADMIN SCI	CLASSROOM	22	NA
MN4900 lec READINGS IN ADMIN SCI	CLASSROOM	33	NA
MN4900 lec READINGS IN ADMIN SCI	CLASSROOM	44	NA
MN4900 lec READINGS IN TQL	CLASSROOM	22	NA
MN4900 lec SEM ON MANPOWER MARKET	CLASSROOM	44	NA
MN4900 lec SOFTWARE TRACEABILITY	CLASSROOM	44	NA
MN4900 lec STRATEGIC MOVEMENT	CLASSROOM	44	NA
MN4900 lec TOTAL QUALITY LEADERSH	CLASSROOM	33	NA
MN4900 lab TOTAL QUALITY LEADERSH	CLASSROOM	44	NA
MN4900 lec TQM\TQL (MN4377)	CLASSROOM	44	NA
MN4900 lec WIRELESS LAN'S	CLASSROOM	44	NA
MN4900 lec WRITING WORKSHOP	CLASSROOM	11	NA
MN4970 lec GEN STUDY THESIS SEMIN	CLASSROOM	44	NA
"MN4970 lec SEM, ADMIN SCIENCES"	CLASSROOM	22	NA
"MN4970 lec SEM, ADMIN SCIENCES"	CLASSROOM	44	NA
MN4970 lec SOCIOTECHNICAL SYSTEMS	CLASSROOM	44	NA
MN4970 lec STRATEGIC MANAGEMENT	CLASSROOM	44	NA
MN4970 lec US INDUST POLICY	CLASSROOM	44	NA

MR0210 lec REF INTRO METEOROLOGY	CLASSROOM	44	NA
MR0210 lab REF INTRO METEOROLOGY	CLASSROOM	22	NA
MR0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
MR0999 lec SEM IN METEOROLOGY	CLASSROOM	22	NA
MR2020 lab COMPUTER/AIR-OCEAN SCI	CLASSROOM	22	NA
MR2210 lec INTRO TO METEOROL/LAB	CLASSROOM	44	NA
"MR2413 lec METEOROL, ANTISUB WAR"	CLASSROOM	33	NA
MR3140 lec PROB/STATS AIR OCEAN	CLASSROOM	33	NA
MR3140 lab PROB/STATS AIR OCEAN	CLASSROOM	22	NA
MR3150 lec Anl Y AIR-OCEAN TIME	CLASSROOM	33	NA
MR3222 lec METEOR ANALYSIS LAB	CLASSROOM	44	NA
MR3234 lec TROPOS&STRATOS METEOR	CLASSROOM	44	NA
MR3250 lec TROPICAL METEOROLOGY	CLASSROOM	33	NA
MR3252 lec TROPICAL METEOROL/LAB	CLASSROOM	33	NA
MR3260 lec OP ATMOSPH PREDICTION	CLASSROOM	33	NA
MR3262 lec OP ATMOSPH PREDIC/LAB	CLASSROOM	33	NA
MR3321 lec AIR-OCEAN FLUID DYNAM	CLASSROOM	44	NA
MR3480 lec ATMOS & RADIATIVE PROC	CLASSROOM	44	NA
MR3480 lab ATMOS & RADIATIVE PROC	CLASSROOM	11	NA
MR3522 lec SENSG ATMOS/OCEAN LAB	CLASSROOM	44	NA
MR3522 lab SENSG ATMOS/OCEAN LAB	CLASSROOM	22	NA
MR4241 lec MESOSCALE METEOROLOGY	CLASSROOM	33	NA
MR4242 lec ADV TROPICAL METEOROL	CLASSROOM	33	NA
MR4322 lec DYNAMIC METEOROLOGY	CLASSROOM	44	NA
MR4323 lec NUM AIR/OCEAN MODELING	CLASSROOM	44	NA
MR4323 lab NUM AIR/OCEAN MODELING	CLASSROOM	22	NA
MR4413 lec AIR/SEA INTERACTION	CLASSROOM	44	NA
MR4414 lec ADV AIR/SEA INTERACTN	CLASSROOM	33	NA
"MR4520 lec TOP, SATELLITE SENSING"	CLASSROOM	33	NA
MR4900 lec ATMOSPHERIC MODELING	CLASSROOM	33	NA
MR4900 lec MARINE BOUNDARY LAYER	CLASSROOM	33	NA

MR4900 lec MIXED-LAYER MODELING	CLASSROOM	33	NA
MR4900 lec MTRY BAY WINDS CURRENT	CLASSROOM	33	NA
MR4900 lec OCEAN RESPON TO ATMOSP	CLASSROOM	33	NA
MR4900 lec POLAR LOWS	CLASSROOM	33	NA
MR4900 lec RAPID CYCLOGENISES	CLASSROOM	33	NA
MR4900 lec READINGS IN VISUALIZAT	CLASSROOM	22	NA
MR4900 lec REFRAGATIVE ASSESSMENT	CLASSROOM	33	NA
MR4900 lec SATELLITE IMAGERY	CLASSROOM	33	NA
MR4900 lec SPEC TOPIC METEOROLOGY	CLASSROOM	22	NA
MR4900 lec SPEC TOPIC METEOROLOGY	CLASSROOM	33	NA
MR4900 lec SURFACE REMOTE SENSING	CLASSROOM	33	NA
MR4900 lec THESIS READING	CLASSROOM	33	NA
MR4900 lec TROP WAVES DISTURBANCE	CLASSROOM	33	NA
MS2201 lec ENGRG MATERIALS	CLASSROOM	33	NA
MS3201 lec MATERIALS SCI & ENGRG	CLASSROOM	33	NA
MS3201 lab MATERIALS SCI & ENGRG	CLASSROOM	22	NA
MS3202 lec FAILURE ANALY&PREVENT	CLASSROOM	33	NA
MS3214 lec INT MATERIAL SCI & ENG	CLASSROOM	44	NA
"MS3304 lec CORROSION,MARINE ENVRN"	CLASSROOM	33	NA
MS3606 lec JOINING METALLURGY	CLASSROOM	33	NA
MS4215 lec PHASE TRANSFORMATIONS	CLASSROOM	33	NA
MS4215 lab PHASE TRANSFORMATIONS	CLASSROOM	22	NA
MS4312 lec ADV MTD MATRL CHRACTER	CLASSROOM	33	NA
"MS4811 lec MECH BEHAVIOR,ENG MATL"	CLASSROOM	44	NA
MS4822 lec COMPOSITE MATERIALS	CLASSROOM	44	NA
NS0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
NS2060 lec GAMING/SIMULATION LAB	CLASSROOM	22	NA
NS2060 lab GAMING/SIMULATION LAB	CLASSROOM	22	NA
NS3000 lec MILT HIST:WAR MOD WRLD	CLASSROOM	44	NA
NS3011 lec POL ANLY&RES METH AREA	CLASSROOM	44	NA

NS3012* lec FRCSTNG&RES METH ST PL	CLASSROOM	44	NA
NS3012* lab FRCSTNG&RES METH ST PL	CLASSROOM	22	NA
NS3012* lec GAMING&SIMU STRAT PLAN	CLASSROOM	44	NA
NS3012* lab GAMING&SIMU STRAT PLAN	CLASSROOM	22	NA
NS3013 lec FORCSTNG FOR STRAT PLN	CLASSROOM	22	NA
NS3013 lab FORCSTNG FOR STRAT PLN	CLASSROOM	22	NA
NS3023* lec INT'L REL & COMP POLIT	CLASSROOM	44	NA
NS3023* lec INTRO COMPARTIVE POLIT	CLASSROOM	44	NA
NS3024 lec INTRO INT'L RELATIONS	CLASSROOM	44	NA
NS3030 lec AMER NATL SEC POLICY	CLASSROOM	44	NA
NS3035 lec U.S. FOREIGN POLICY	CLASSROOM	44	NA
NS3036 lec MIL & POL IN THE WORLD	CLASSROOM	44	NA
NS3037 lec CONGRESS IN NATL POLCY	CLASSROOM	44	NA
NS3038 lec INTL POWER & POLICY	CLASSROOM	44	NA
"NS3040 lec POLITICS, ECON RELATNS"	CLASSROOM	44	NA
NS3041 lec COMPARATIVE ECON SYSTM	CLASSROOM	44	NA
NS3079 lec COLLECTIVE SECURITY	CLASSROOM	44	NA
NS3079 lec CONGRESS	CLASSROOM	44	NA
NS3079 lec DIRECTED STUDIES NSA	CLASSROOM	44	NA
NS3079 lec ECON US DEFENSE POLICY	CLASSROOM	44	NA
NS3079 lec EUROPEAN SEC INSTITUTI	CLASSROOM	44	NA
NS3079 lec MIL THOUGHT PAST/PRESE	CLASSROOM	44	NA
NS3079 lec MODERN UKRAINE	CLASSROOM	44	NA
NS3079 lec NAVAL ORIENTATION	CLASSROOM	44	NA
NS3079 lec POLI SOCI OF FRENCH NA	CLASSROOM	44	NA
NS3150 lec SCI & TECH OF INTEL	CLASSROOM	44	NA
NS3151 lec INTELLIGENCE SYSTEMS	CLASSROOM	44	NA
NS3152 lec NAV WAR/THREAT ENVIRON	CLASSROOM	44	NA
NS3154 lec INTEL & THE MILITARY	CLASSROOM	44	NA
NS3159 lec PRNCPL OPRTNL INTLGNCE	CLASSROOM	44	NA
NS3230 lec STRATEGIC PLANNING	CLASSROOM	44	NA

NS3250 lec ECON OF U.S. DEFENSE	CLASSROOM	44	NA
NS3252 lec JOINT&MARITIME STRG PL	CLASSROOM	44	NA
NS3279 lec DIRECTED STUDIES NSA	CLASSROOM	44	NA
NS3279 lec INDIAN POLITICS	CLASSROOM	44	NA
NS3279 lec POL DEV OF INDIA	CLASSROOM	44	NA
NS3279 lec THE PRESS AND MILITARY	CLASSROOM	44	NA
NS3279 lec US PROP EFF ON HOMEFRO	CLASSROOM	44	NA
NS3279 lec US STRAT NEW WORLD ORD	CLASSROOM	44	NA
NS3279 lec WAR THEORY NUCLEAR WAR	CLASSROOM	44	NA
NS3280* lec NUC STRAT/NAT SECURITY	CLASSROOM	44	NA
NS3280* lec NUC WEAPS/FOREIGN POL	CLASSROOM	44	NA
NS3300* lec FOUND-MID EAST POLITIC	CLASSROOM	44	NA
NS3300* lec HIST & CULT MID EAST	CLASSROOM	44	NA
"NS3310 lec PROBS GOVT,MIDDLE EAST"	CLASSROOM	44	NA
"NS3320 lec INTL REL, MIDDLE EAST"	CLASSROOM	44	NA
"NS3360 lec NO AFRICA, PROBS GOVT"	CLASSROOM	44	NA
NS3361 lec PROBS GOV/SEC ISRAEL	CLASSROOM	44	NA
"NS3362 lec INTL&SEC PROB,ARAB PEN"	CLASSROOM	44	NA
"NS3400 lec RUSSIA, E EUROPE, ASIA"	CLASSROOM	44	NA
NS3400 lec SOV NATL SEC POLICY	CLASSROOM	44	NA
NS3401 lec PEOPLE USSR&EASTEUROPE	CLASSROOM	44	NA
NS3410* lec SOVIET NATL SECURITY	CLASSROOM	44	NA
"NS3410* lec WLD AFFAIRS:RUSS,EUROP"	CLASSROOM	44	NA
NS3450* lec MIL STRAT RUS EUR ASIA	CLASSROOM	44	NA
NS3450* lec SOVIET MIL STRATEGY	CLASSROOM	44	NA
NS3460 lec GOV&SECRTY:EAST EUROPE	CLASSROOM	44	NA
NS3501 lec HIST/CULT LATIN AMER	CLASSROOM	44	NA
NS3510 lec GOVT/SEC LATIN AMER	CLASSROOM	44	NA
NS3520 lec INT REL/SEC LATIN AMER	CLASSROOM	44	NA
"NS3600 lec GEOG,HIST,CULTURE-ASIA"	CLASSROOM	44	NA
NS3601 lec GEOG/HIST/CULT/SE.ASIA	CLASSROOM	44	NA

NS3620 lec INT CONFL ASIA TO WWII	CLASSROOM	44	NA
"NS3661 lec PROBS, GOVT/SEC, CHINA"	CLASSROOM	44	NA
NS3662 lec PROBS CONTEMP JAPAN	CLASSROOM	44	NA
"NS3663 lec PROBS GOVT/SEC, KOREA"	CLASSROOM	44	NA
NS3667 lec PROB GOVT IN ASIA	CLASSROOM	44	NA
"NS3700 lec HISTORY, EUROPE&RUSSIA"	CLASSROOM	44	NA
NS3701 lec EUROPE-USSR POST-1917	CLASSROOM	44	NA
NS3710 lec PROBS GOVT&SEC EUROPE	CLASSROOM	44	NA
NS3720 lec NO ATLANTIC ALLIANCE	CLASSROOM	44	NA
NS3765 lec PROB GOV/SEC NATO FLNK	CLASSROOM	44	NA
NS3800 lec THEORYPRACTICE SOC REV	CLASSROOM	44	NA
NS3801 lec INT'L TERRIORISM	CLASSROOM	44	NA
NS3880 lec HIST SPECIAL OPERATION	CLASSROOM	44	NA
NS3881 lec MID-LEVEL CONFLICT	CLASSROOM	44	NA
"NS3900 lec INTL ORGS,NEGOTIATIONS"	CLASSROOM	44	NA
NS3902 lec POLITICAL TERRORISM	CLASSROOM	44	NA
NS3950 lec SEM ARMS CON & NAT SEC	CLASSROOM	44	NA
NS4030 lec COMP STRATEGIC CULTURE	CLASSROOM	44	NA
NS4030 lec SPEC TOP NAT SEC POLIC	CLASSROOM	44	NA
NS4031 lec CURRENT ISSUES IN NSA	CLASSROOM	44	NA
NS4079 lec ADV DIR STUDIES: NSA	CLASSROOM	44	NA
NS4079 lec ADV TOPICS RUSSIAN SEC	CLASSROOM	44	NA
NS4079 lec AIRPWR LOW INTENSE CON	CLASSROOM	44	NA
NS4079 lec ARAB-ISRAELI CONFLICT	CLASSROOM	44	NA
NS4079 lec COAL MULTILATERAL OPER	CLASSROOM	44	NA
NS4079 lec COMMON MARKET ANALYSIS	CLASSROOM	44	NA
NS4079 lec DOM PARADIGM CHANGE	CLASSROOM	44	NA
NS4079 lec GERMAN SECURITY	CLASSROOM	44	NA
NS4079 lec GOV/POL IN LATIN AMERI	CLASSROOM	44	NA
NS4079 lec IMPACT NAVY WHT PAPER	CLASSROOM	22	NA
NS4079 lec INTER TERRORISM	CLASSROOM	44	NA

NS4079 lec LEAD & POLIT IN SINGAP	CLASSROOM	44	NA
NS4079 lec MODERN UKRAINE	CLASSROOM	44	NA
NS4079 lec NAT SEC ENVIRNMTL LINK	CLASSROOM	44	NA
NS4079 lec OVERSEAS CHINESE ASIA	CLASSROOM	44	NA
NS4079 lec POL THEORY 21ST CENTUR	CLASSROOM	44	NA
NS4079 lec POL/SOCIETY RACISM	CLASSROOM	44	NA
"NS4079 lec PROB GOV, SEC IN CHINA"	CLASSROOM	44	NA
NS4079 lec PROB LATIN AMERICA	CLASSROOM	44	NA
NS4079 lec PROB OF SEC GOV IN ISR	CLASSROOM	44	NA
NS4079 lec SECURITY PROB LATIN AM	CLASSROOM	44	NA
NS4079 lec SEM LATIN AMERICA GOVT	CLASSROOM	44	NA
NS4079 lec SOUTH ASIA	CLASSROOM	44	NA
NS4079 lec SOUTH ASIA FOREIGN POL	CLASSROOM	44	NA
NS4079 lec STRAT PLAN HIER PROCES	CLASSROOM	33	NA
NS4079 lec THE PROB OF CYPRUS	CLASSROOM	44	NA
NS4079 lec US RELATIONS W MOD SEA	CLASSROOM	44	NA
NS4079 lec WORLDWDE TRENDS PIRACY	CLASSROOM	44	NA
NS4080 lec RESEARCH COLLOQUIUM	CLASSROOM	22	NA
NS4152 lec PROB INTL/THREAT ANALY	CLASSROOM	44	NA
NS4159 lec SEMINR:TOPS OPS INTEL	CLASSROOM	44	NA
NS4179 lec EVOL OF SOVIET NAVY WI	CLASSROOM	44	NA
NS4200 lec SEM NATIONAL INTEREST	CLASSROOM	44	NA
NS4230 lec SEM STRATEGIC PLANNING	CLASSROOM	44	NA
"NS4250 lec SEC ASST, ARMS TRANSF"	CLASSROOM	44	NA
NS4251 lec SEMINAR NET ASSESSMENT	CLASSROOM	44	NA
NS4253 lec TECH & STRATEGICPLNG	CLASSROOM	44	NA
"NS4261 lec SURVEY, STRAT STUDIES"	CLASSROOM	44	NA
NS4279 lec AMERICAN VALUES	CLASSROOM	44	NA
NS4279 lec COUNTER-NARCOTICS POLI	CLASSROOM	44	NA
NS4279 lec IDEOLOGY AND STRATEGY	CLASSROOM	44	NA
NS4279 lec SINOAFRICAN RELATIONS	CLASSROOM	44	NA

NS4280 lec NUCLEAR STRATEGY&DETER	CLASSROOM	44	NA
NS4300 lec SEM IN MIDLEASTERN CIV	CLASSROOM	44	NA
NS4310 lec SEC PROB MID EAST	CLASSROOM	44	NA
NS4410* lec SEM: SECUR RUS EUR ASI	CLASSROOM	44	NA
NS4410* lec SEM: SOVIET SECUR PROB	CLASSROOM	44	NA
NS4451 lec ADV TOPICS/SOV NAV AFF	CLASSROOM	44	NA
NS4500 lec SEM NATIONAL INTEREST	CLASSROOM	44	NA
"NS4510 lec SEM GVNT POL,LATIN AM"	CLASSROOM	44	NA
NS4560 lec INT SEC PROB LAT AMER	CLASSROOM	44	NA
NS4660 lec ASIA & SOVIET UNION	CLASSROOM	44	NA
NS4690 lec PROBS ASIA & OCEANS	CLASSROOM	44	NA
NS4710 lec POL/SEC PROB EUROPE	CLASSROOM	44	NA
"NS4720* lec SEM, SOVIET-EUROPE REL"	CLASSROOM	44	NA
NS4720* lec SEM: EURO SECURITY ISS	CLASSROOM	44	NA
"NS4830 lec LIC SEMINAR, MID EAST"	CLASSROOM	44	NA
NS4850 lec ADV SEM:LATIN AMERICA	CLASSROOM	44	NA
NS4860 lec SEMINARLOW INTEN: ASIA	CLASSROOM	44	NA
NS4900 lec SEM INTL NEGOTIATIONS	CLASSROOM	44	NA
NS4902 lec SEM REVOLUTION/TERROR	CLASSROOM	44	NA
OA0001 lab SEM OPS ANLS STUDENTS	CLASSROOM	22	NA
OA0200 lec INTRO COMP METH/OR	CLASSROOM	22	NA
OA0200 lab INTRO COMP METH/OR	CLASSROOM	22	NA
OA0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
"OA2200 lec COMPUTN METH,OPS RESI"	CLASSROOM	33	NA
"OA2200 lab COMPUTN METH,OPS RESI"	CLASSROOM	22	NA
OA2900 lec WORKSHOP IN OR/SA	CLASSROOM	22	NA
OA2900 lec WORKSHOP IN OR/SA	CLASSROOM	33	NA
OA2910 lec SEL TOPICS IN OA	CLASSROOM	11	NA
OA3101 lec PROBABILITY	CLASSROOM	44	NA
OA3101 lab PROBABILITY	CLASSROOM	11	NA
OA3102 lec PROBABILITY/STATISTICS	CLASSROOM	44	NA

OA3103 lec STATISTICS	CLASSROOM	44	NA
OA3103 lab STATISTICS	CLASSROOM	11	NA
OA3104 lec DATA ANALYSIS	CLASSROOM	33	NA
OA3105 lec NONPARAMETIC STATS	CLASSROOM	44	NA
OA3200 lec COMP METHODS FOR OR II	CLASSROOM	33	NA
OA3200 lab COMP METHODS FOR OR II	CLASSROOM	22	NA
OA3200 lec COMP METHODS FOR OR II	CLASSROOM	44	NA
OA3201 lec LINEAR PROGRAMMING	CLASSROOM	44	NA
OA3201 lab LINEAR PROGRAMMING	CLASSROOM	11	NA
OA3301 lec STOCHASTIC MODELS I	CLASSROOM	44	NA
OA3402 lec HUMAN FACTORS:SYST DES	CLASSROOM	33	NA
OA3501 lec INVENTORY I	CLASSROOM	44	NA
OA3610 lec INTRO NAVAL LOGISTICS	CLASSROOM	44	NA
OA3900 lec INTRO SYS ANALYSIS	CLASSROOM	22	NA
OA3900 lec WORKSHOP IN OR/SA	CLASSROOM	22	NA
OA3900 lec WORKSHOP IN OR/SA	CLASSROOM	33	NA
OA3910 lec DECOD METH CONF MATR	CLASSROOM	33	NA
OA4101 lec DESIGN OF EXPERIMENTS	CLASSROOM	33	NA
OA4101 lab DESIGN OF EXPERIMENTS	CLASSROOM	11	NA
OA4102 lec REGRESSION MODELS	CLASSROOM	44	NA
OA4201 lec NONLINEAR & DYN PROGMG	CLASSROOM	44	NA
OA4203 lec MATH PROGRAMMING	CLASSROOM	44	NA
OA4204 lec GAMES OF STRATEGY	CLASSROOM	44	NA
OA4301 lec STOCHASTIC MODELS II	CLASSROOM	33	NA
OA4301 lab STOCHASTIC MODELS II	CLASSROOM	22	NA
OA4302 lec RELIABLTY WEAPON SYST	CLASSROOM	44	NA
OA4303 lec QUALITY ASSURANCE	CLASSROOM	44	NA
OA4304 lec DECISION THEORY	CLASSROOM	33	NA
OA4305 lec STOCHASTIC MODELS III	CLASSROOM	44	NA
OA4308 lec TIME SERIES ANALYSIS	CLASSROOM	44	NA
"OA4501 lec SEMINAR, SUPPLY SYST"	CLASSROOM	44	NA

OA4601 lec MODLS FOR DECIS MAKING	CLASSROOM	33	NA
OA4601 lab MODLS FOR DECIS MAKING	CLASSROOM	22	NA
OA4602 lec CAMPAIGN ANALYSIS	CLASSROOM	44	NA
OA4603 lec TEST AND EVALUATION	CLASSROOM	33	NA
OA4603 lab TEST AND EVALUATION	CLASSROOM	22	NA
OA4604 lec WAR GAMING ANALYSIS	CLASSROOM	44	NA
OA4607 lec TACTICAL DES & ANALYS	CLASSROOM	33	NA
OA4607 lab TACTICAL DES & ANALYS	CLASSROOM	22	NA
OA4611 lec LOGISTIC NAVAL WARFARE	CLASSROOM	44	NA
OA4612 lec LOGISTICS	CLASSROOM	44	NA
OA4701 lec ECONOMETRICS	CLASSROOM	44	NA
OA4702 lec COST ESTIMATION	CLASSROOM	44	NA
OA4704 lec MANPOWER & PERSONNEL	CLASSROOM	44	NA
OA4704 lec MANPOWER PLANNING	CLASSROOM	44	NA
OA4704 lec TECH IN MANPOWER MODEL	CLASSROOM	44	NA
OA4910 lec FUT THEATER LEV MODELS	CLASSROOM	44	NA
OA4910 lec HUMAN PERFORMANCE EVAL	CLASSROOM	44	NA
OA4910 lec MIN COS ANALYSIS CONFU	CLASSROOM	33	NA
OA4910 lec NUMERICAL INTEGRATION	CLASSROOM	33	NA
OA4910 lec SEL TOPIC IN OPS ANALY	CLASSROOM	33	NA
OA4910 lec SKILLED OPERATOR PERFO	CLASSROOM	33	NA
OA4910 lab SKILLED OPERATOR PERFO	CLASSROOM	22	NA
OA4910 lec TEST AND EVALUATION	CLASSROOM	33	NA
OA4910 lab TEST AND EVALUATION	CLASSROOM	22	NA
OA4910 lec THEORY OF SYS ANALYS	CLASSROOM	44	NA
OA4910 lec WARGAMING ANALYSIS	CLASSROOM	33	NA
OA4930 lec ADV TOPICS SIMULATION	CLASSROOM	33	NA
OA4930 lec CATEGORICAL DATA ANLSY	CLASSROOM	33	NA
OA4930 lec DESIGN USER INTERFACES	CLASSROOM	33	NA
OA4930 lec FUZZY SET THEORY	CLASSROOM	33	NA
OA4930 lec IMPLEMENT OPTIMIZATION	CLASSROOM	33	NA

OA4930 lec READING OPER ANALYSIS	CLASSROOM	33	NA
OA4930 lab READING OPER ANALYSIS	CLASSROOM	44	NA
OC0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
OC0999 lec SEMINAR OCEANOGRAPHY	CLASSROOM	22	NA
OC2001 lec OCEAN SYSTEMS	CLASSROOM	44	NA
OC2020 lec COMPTR COMP AIR/OC SC	CLASSROOM	11	NA
"OC3120 lec BIOGEOCHEM PROC, OCEAN"	CLASSROOM	44	NA
"OC3120 lab BIOGEOCHEM PROC, OCEAN"	CLASSROOM	33	NA
OC3140 lec PROB/STATS AIR OCEAN	CLASSROOM	33	NA
OC3140 lab PROB/STATS AIR OCEAN	CLASSROOM	22	NA
OC3150 lec ANALYSI AIR-OCEAN TIME	CLASSROOM	33	NA
OC3212 lec POLAR METEOR/OCEANO	CLASSROOM	44	NA
OC3230# lec DESC PHYSICAL OCEANOGR	CLASSROOM	16	NA
OC3230 lab DESC PHYSICAL OCEANOGR	SHIP (UNOLS/NAVO)	11	NA
OC3240 lec OCEAN CIRCULATION	CLASSROOM	44	NA
OC3260 lec SOUND IN THE OCEAN	CLASSROOM	44	NA
OC3261 lec OCEANIC FACTORS SOUND	CLASSROOM	44	NA
OC3261 lab OCEANIC FACTORS SOUND	CLASSROOM	22	NA
OC3266 lec ACOUSTIC FORECASTING	CLASSROOM	22	NA
OC3266 lec ACOUSTIC FORECASTING	CLASSROOM	33	NA
OC3321 lec AIR-OCEAN FLUID DYNAMC	CLASSROOM	44	NA
OC3522 lec SENSG ATMOS&OCEAN/LAB	CLASSROOM	44	NA
OC3522 lab SENSG ATMOS&OCEAN/LAB	CLASSROOM	22	NA
OC3570 lec OP OCEANO & MET	CLASSROOM	22	NA
OC3570 lec OPER OCEANOGRAPHY	CLASSROOM	22	NA
OC3903 lec EL SURVEYING & NAVIGAT	CLASSROOM	33	NA
OC4211 lec DYNAMICAL OCEANOGRAPHY	CLASSROOM	44	NA
OC4213 lec NEARSHORE/WAVE PROCESS	CLASSROOM	33	NA
OC4220 lec COSTAL OCEANOGRAPHY	CLASSROOM	44	NA
OC4220 lab COSTAL OCEANOGRAPHY	CLASSROOM	11	NA

OC4230 lec PHY OCEAN MONTEREY BAY	CLASSROOM	33	NA
OC4262 lec THEORIES & MODELS	CLASSROOM	33	NA
"OC4267 lec INFLUENCES, ACOUSTICS"	CLASSROOM	44	NA
"OC4267 lab INFLUENCES, ACOUSTICS"	CLASSROOM	22	NA
OC4323 lec NUM AIR&OCEAN MODELING	CLASSROOM	44	NA
OC4331 lec SYNOP/MESOSCALE OCEANO	CLASSROOM	44	NA
OC4413 lec AIR-SEA INTERACTION	CLASSROOM	44	NA
OC4490 lec OCEAN ACOU TOMOGRAPHY	CLASSROOM	33	NA
"OC4520 lec TOP, SATELLITE SENSING"	CLASSROOM	33	NA
OC4800 lab ADV TOPICS IN OCEANOG	CLASSROOM	44	NA
OC4800 lab HORIZ PRESS GRADIENTS	CLASSROOM	44	NA
OC4800 lec OCEAN PRO IN GULF CALI	CLASSROOM	11	NA
OC4800 lab OCEAN PRO IN GULF CALI	CLASSROOM	33	NA
OC4900 lec ACOUSTIC PROP & TOMOGR	CLASSROOM	33	NA
OC4900 lec ADV NEAR SHORE PROCESS	CLASSROOM	33	NA
OC4900 lec AIR/OCEAN CONVECTION	CLASSROOM	33	NA
OC4900 lec ANTARCTIC OCEAN DYNAMI	CLASSROOM	33	NA
OC4900 lec AVHRR DATA CIRCULATION	CLASSROOM	33	NA
OC4900 lec CAL CURRENT SYSTEM	CLASSROOM	33	NA
OC4900 lec DEEP CONVECTION	CLASSROOM	33	NA
OC4900 lec DISPERSN & DIFFUSION	CLASSROOM	33	NA
OC4900 lec EASTERN BOUND CURRENTS	CLASSROOM	33	NA
OC4900 lec ENERGETICS SEDI TRANSP	CLASSROOM	33	NA
OC4900 lec GLOBAL OCEAN DYNAMICS	CLASSROOM	33	NA
OC4900 lec GRAVITY AND GEOID	CLASSROOM	22	NA
OC4900 lec OCEAN CONVECTION	CLASSROOM	33	NA
OC4900 lec OCEAN PREDICTION	CLASSROOM	33	NA
OC4900 lec PHYSICAL OCEAN TOPICS	CLASSROOM	11	NA
OC4900 lec POLAR OCEANOGRAPHY	CLASSROOM	33	NA
OC4900 lab RAY/MODE TOMOGRAPHY	CLASSROOM	33	NA
OC4900 lec REMOTE SENSING	CLASSROOM	33	NA

OC4900 lec RIP CURRENTS	CLASSROOM	33	NA
OC4900 lec SATELLITE NAVIGATION	CLASSROOM	22	NA
OC4900 lec SEDIMENT DYNAMICS	CLASSROOM	33	NA
OC4900 lec SEDIMENT DYNAMICS II	CLASSROOM	33	NA
OC4900 lec SHALLOW WATER ASW	CLASSROOM	11	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	CLASSROOM	11	NA
OC4900 lec SPEC TOP OCEANOGRAPHY	CLASSROOM	33	NA
OC4900 lec THERMAL EX/DEEP WATER	CLASSROOM	33	NA
OC4900 lec THESIS READING	CLASSROOM	33	NA
OC4900 lec TIDAL ANLSY OF ADCP DA	CLASSROOM	22	NA
OC4900 lec TROPICAL OCEANOGRAPHY	CLASSROOM	33	NA
OC4900 lec USE OF SUBS IN OCEANOG	CLASSROOM	33	NA
OC4900 lec VARIAB OF UPPER OCEAN	CLASSROOM	33	NA
OS2102 lec APP PROBABILITY FOR EE	CLASSROOM	44	NA
OS2102 lab APP PROBABILITY FOR EE	CLASSROOM	11	NA
OS2103 lec APPL PROBAB SYST TECH	CLASSROOM	44	NA
OS2103 lab APPL PROBAB SYST TECH	CLASSROOM	11	NA
OS3001 lec OPNS RES FOR COMP SCI	CLASSROOM	44	NA
OS3002 lec O.R. FOR NAVAL INTEL	CLASSROOM	44	NA
OS3003 lec O.R. FOR ELECT WARFARE	CLASSROOM	44	NA
OS3006 lec OPNS RESEARCH FOR MGMT	CLASSROOM	44	NA
OS3008 lec ANALYTICAL PLANNING	CLASSROOM	44	NA
OS3101 lec STAT ANALYSIS FOR MGMT	CLASSROOM	44	NA
OS3101 lab STAT ANALYSIS FOR MGMT	CLASSROOM	11	NA
"OS3104 lec STATISTICS, SCI & ENG"	CLASSROOM	44	NA
OS3302 lec QUALITY ASSUR/RELIABLT	CLASSROOM	44	NA
OS3303 lec COMPUTER SIMULATION	CLASSROOM	44	NA
OS3402 lec HUMAN VIGILANCE PERF	CLASSROOM	33	NA
OS3404 lec MAN-MACHINE INTERACTN	CLASSROOM	33	NA
"OS3601 lec SEARCH, DETECT MODELS"	CLASSROOM	44	NA
OS3603 lec SIMULATION/WAR GAMING	CLASSROOM	33	NA

OS3604 lec DECISION/DATA ANALYSIS	CLASSROOM	44	NA
OS4601 lec TEST AND EVALUATION	CLASSROOM	44	NA
OS4701 lec MANPOWER & PERS MODELS	CLASSROOM	44	NA
PCC: lec U.S. NAVY	CLASSROOM	10	NA
PCC: lec MARINES	CLASSROOM	10	NA
PCC: lec ARMY/NAVY FLAG ITM	CLASSROOM	3	NA
PH0110 lec REFRESHER PHYSICS	CLASSROOM	55	NA
PH0110 lab REFRESHER PHYSICS	CLASSROOM	33	NA
PH0110 lab REFRESHER PHYSICS	CLASSROOM	44	NA
PH0499 lab ACOUSTICS COLLOQ	CLASSROOM	11	NA
PH0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
PH0999 lab PHYSICS COLLOQ	CLASSROOM	11	NA
PH1121 lec BASIC PHYSICS I-MECH	CLASSROOM	44	NA
PH1121 lab BASIC PHYSICS I-MECH	CLASSROOM	22	NA
PH1322 lec BASIC PHYS II-ELEC	CLASSROOM	44	NA
PH1322 lab BASIC PHYS II-ELEC	CLASSROOM	11	NA
PH1322 lec BASIC PHYS II-ELEC	CLASSROOM	55	NA
PH2001 lec PHYSICS THESIS OPPOR	CLASSROOM	11	NA
PH2012 lec PHYSICS LABORATORY I	CLASSROOM	11	NA
PH2012 lab PHYSICS LABORATORY I	CLASSROOM	33	NA
PH2013 lec PHYSICS LABORATORY II	CLASSROOM	11	NA
PH2013 lab PHYSICS LABORATORY II	CLASSROOM	33	NA
PH2014 lec PHYSICS LABORATORY III	CLASSROOM	11	NA
PH2014 lab PHYSICS LABORATORY III	CLASSROOM	33	NA
PH2119 lec OSCILLATIONS AND WAVES	CLASSROOM	44	NA
PH2151 lec MECH I - PARTICLE MECH	CLASSROOM	44	NA
PH2151 lab MECH I - PARTICLE MECH	CLASSROOM	11	NA
PH2170 lec ANALYTICAL MECHANICS	CLASSROOM	44	NA
PH2203 lec WAVES & OPTICS	CLASSROOM	44	NA
"PH2207 lec FUND,ELECTRO-OPTICS"	CLASSROOM	44	NA
PH2223 lec BASIC PHYS III:OPTICS	CLASSROOM	44	NA

PH2223 lab BASIC PHYS III:OPTICS	CLASSROOM	11	NA
PH2351 lec ELECTROMAGNETISM	CLASSROOM	44	NA
PH2351 lab ELECTROMAGNETISM	CLASSROOM	11	NA
"PH2401 lec INTRO, SONAR EQUATIONS"	CLASSROOM	33	NA
PH2410 lec ANALOG ELEX & SIG COND	CLASSROOM	33	NA
PH2410 lab ANALOG ELEX & SIG COND	CLASSROOM	22	NA
PH2412 lec DATA ACQUI & ANALYSIS	CLASSROOM	33	NA
PH2412 lab DATA ACQUI & ANALYSIS	CLASSROOM	22	NA
PH2511 lec INTRO TO ORBITAL MECH	CLASSROOM	44	NA
PH2511 lec ORBITAL MECHANICS	CLASSROOM	44	NA
PH2514 lec INTRO: SPACE ENVIRONMT	CLASSROOM	44	NA
PH2601 lec SURVEY OF MOD PHYSICS	CLASSROOM	44	NA
PH2601 lab SURVEY OF MOD PHYSICS	CLASSROOM	11	NA
PH2681 lec INTRO:QUANTUM PHYSICS	CLASSROOM	44	NA
PH2724 lec BASIC PHYS IV:THERMO	CLASSROOM	44	NA
PH2911 lec INTRO:COMPTNL PHYSICS	CLASSROOM	33	NA
PH2990 lec OSCILLATIONS & WAVES	CLASSROOM	44	NA
PH3002 lec NON-ACOUST SENSOR SYST	CLASSROOM	44	NA
"PH3152 lec MECHANICS II, EXT SYST"	CLASSROOM	44	NA
"PH3152 lab MECHANICS II, EXT SYST"	CLASSROOM	11	NA
PH3161 lec FLUID DYNAMICS	CLASSROOM	44	NA
PH3161 lab FLUID DYNAMICS	CLASSROOM	11	NA
PH3171 lec EXPLOSIVES & EXPLOSION	CLASSROOM	44	NA
PH3208 lec ELEC-OPTIC PRIN & DEV	CLASSROOM	44	NA
PH3252 lec ELECTRO-OPTICS	CLASSROOM	44	NA
PH3292 lec OPTICS&OPTOELECTRONICS	CLASSROOM	33	NA
PH3292 lab OPTICS&OPTOELECTRONICS	CLASSROOM	22	NA
PH3352 lec ELECTROMAGNETIC WAVES	CLASSROOM	44	NA
PH3360 lec ELECTROMAG WAVE PROP	CLASSROOM	44	NA
PH3360 lab ELECTROMAG WAVE PROP	CLASSROOM	11	NA
PH3402 lec UNDERWATER ACOUSTICS	CLASSROOM	44	NA

PH3410 lec FIBER-OPTIC SYS/ACOUST	CLASSROOM	33	NA
PH3410 lab FIBER-OPTIC SYS/ACOUST	CLASSROOM	22	NA
PH3451 lec FUNDAMENTAL ACOUSTICS	CLASSROOM	44	NA
PH3452 lec UNDERWATER ACOUSTICS	CLASSROOM	44	NA
"PH3458 lec NOISE,SHOCK,VIBR CTRL"	CLASSROOM	44	NA
PH3461 lec EXPLOSIVES&EXPLOSIONS	CLASSROOM	44	NA
PH3479 lec PHYS OF UNDRWTR WPNS	CLASSROOM	44	NA
PH3513 lec INTERMED ORBTL MECH	CLASSROOM	22	NA
PH3513 lec INTERMED ORBTL MECH	CLASSROOM	33	NA
PH3516 lec SPACECRFT ENVR INTRACT	CLASSROOM	33	NA
PH3683 lec INTER QUANTUM PHYSICS	CLASSROOM	44	NA
PH3683 lab INTER QUANTUM PHYSICS	CLASSROOM	11	NA
PH3782 lec THERMODYN STAT PHYSICS	CLASSROOM	44	NA
PH3855 lec NUCLEAR PHYSICS	CLASSROOM	44	NA
PH3990 lec METH-THEORET PHYSICS	CLASSROOM	44	NA
PH3991 lec PHY OSCILLATION&WAVES	CLASSROOM	44	NA
PH3998 lec CLASSICAL DYNAMICS	CLASSROOM	11	NA
PH3998 lec INTERFEROMETRIC SENSIN	CLASSROOM	11	NA
PH3998 lab INTERFEROMETRIC SENSIN	CLASSROOM	22	NA
PH3998 lec INTRO THERMACOUSTICS	CLASSROOM	11	NA
PH3998 lec LOCAL SPACECRAFT ENV E	CLASSROOM	33	NA
PH3998 lec LOG AND HAMIL MECH	CLASSROOM	11	NA
PH3998 lab METH ELASTIC PROP VERI	CLASSROOM	33	NA
PH3998 lec NONLINEAR DYNAMICS	CLASSROOM	44	NA
PH3998 lec QUANTUM MECH	CLASSROOM	44	NA
PH3998 lec RADIATION DEVICES	CLASSROOM	22	NA
PH3998 lec THERMO ACOUSTICS III	CLASSROOM	11	NA
PH3998 lec THERMOACOUSTICS	CLASSROOM	11	NA
"PH3998 lec TOPICS, INTERMED PHYS"	CLASSROOM	11	NA
"PH3998 lec TOPICS, INTERMED PHYS"	CLASSROOM	22	NA
"PH3998 lec TOPICS, INTERMED PHYS"	CLASSROOM	33	NA

"PH3998 lec TOPICS, INTERMED PHYS"	CLASSROOM	44	NA
PH4209 lec EO/IR SYS&CNTRMSR	CLASSROOM	33	NA
"PH4253 lec SENSORS,SIGNALS & SYST"	CLASSROOM	44	NA
PH4254 lec THERMAL IMAG SURV SYS	CLASSROOM	44	NA
PH4283 lec LASER PHYSICS	CLASSROOM	44	NA
"PH4353 lec TOPICS,ADV ELECTY &MAG"	CLASSROOM	44	NA
PH4403 lec UNDERWATER ACOUSTICS	CLASSROOM	44	NA
PH4410 lec ADV ACOUSTICS LAB	CLASSROOM	11	NA
PH4453 lec SCATTERING & FLUCTUATN	CLASSROOM	44	NA
PH4454 lec TRANSDUCER THEORY	CLASSROOM	44	NA
PH4455 lec SOUND PROPAGATN OCEAN	CLASSROOM	44	NA
"PH4456 lec SEMINAR,IN UNDWTR SOUN"	CLASSROOM	33	NA
PH4515 lec SATELLITE ENVIRONMENT	CLASSROOM	33	NA
PH4661 lec PLASMA PHYSICS	CLASSROOM	44	NA
PH4662 lec PLASMA PHYSICS II	CLASSROOM	33	NA
PH4750 lec SOLIDS & RADIATION EFF	CLASSROOM	44	NA
PH4771 lec STATISTICAL PHYSICS I	CLASSROOM	33	NA
PH4856 lec PHYSICS NUCLEAR EXPLOS	CLASSROOM	44	NA
PH4857 lec RADIATION HYDRO THEORY	CLASSROOM	44	NA
PH4911 lec WEAPONS SYS SIMULATION	CLASSROOM	33	NA
PH4972 lec ADV QUANTUM MECHANICS	CLASSROOM	33	NA
PH4973 lec QUANTUM MECH III	CLASSROOM	33	NA
PH4973 lec RELATIVISTIC Q.M.	CLASSROOM	33	NA
PH4984 lec ADV QUANTUM PHYSICS	CLASSROOM	44	NA
"PH4991 lec RELATIVITY, COSMOLOGY"	CLASSROOM	33	NA
PH4998 lec ADV THERMOACOUSTICS	CLASSROOM	44	NA
PH4998 lec ADVANCED FEL TOPICS	CLASSROOM	22	NA
PH4998 lec ELECTRO-OPTICS	CLASSROOM	22	NA
PH4998 lec FREE ELECTRON LASER	CLASSROOM	33	NA
PH4998 lec PHYSICS SATELL ENVIRON	CLASSROOM	33	NA
PH4998 lec PLASMA FORMTIONS INTER	CLASSROOM	22	NA

PH4998 lec QUANTUM MECHANICS II	CLASSROOM	33	NA
PH4998 lec SOUND PROPAGATION	CLASSROOM	44	NA
PH4998 lab SOUND PROPAGATION	CLASSROOM	11	NA
PH4998 lec STATISTICAL PHYSICS II	CLASSROOM	33	NA
"PH4998 lec TOPICS, ADV PHYSICS"	CLASSROOM	22	NA
SE2012 lec APP PHYSICS LAB I	CLASSROOM	22	NA
SE2013 lec APPLIED PHYS LAB II	CLASSROOM	22	NA
SE2014 lec PHY LABIII:DIGITAL TEC	CLASSROOM	22	NA
SE3015 lec PHY LAB IV:SYS CONTROL	CLASSROOM	22	NA
SE3301 lec RADIATING SYSTEMS	CLASSROOM	44	NA
SE4006 lec TECH ASSESS&INTEL SYS	SCI COMPUTING	44	NA
SE4858 lec NUCLEAR WARFARE ANLSY	CLASSROOM	44	NA
SS0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
SS2001 lec MIL OPS IN SPACE I	CLASSROOM	44	NA
SS3001 lec MIL APPLICA SPACE I	CLASSROOM	33	NA
SS3001 lab MIL APPLICA SPACE I	CLASSROOM	22	NA
SS3001 lec MIL APPLICA SPACE I	CLASSROOM	44	NA
SS3035 lec MICROPROC SPACE APPLIC	CLASSROOM	33	NA
SS3035 lab MICROPROC SPACE APPLIC	CLASSROOM	22	NA
SS3525 lec AIR/OC SENSNG OTHR CUR	CLASSROOM	33	NA
SS3525 lab AIR/OC SENSNG OTHR CUR	CLASSROOM	22	NA
SS3525 lec AIR/OC SENSNG OTHR CUR	CLASSROOM	44	NA
SS3900 lec FERROELECTRIC MEMORY	CLASSROOM	33	NA
SS3900 lec MECH CONTL OF ROBOTIC	CLASSROOM	22	NA
SS3900 lec MUL SOURC CORRELATION	CLASSROOM	33	NA
SS3900 lec NET ARCH SUPP DISSEMIN	CLASSROOM	33	NA
SS3900 lec NPECIAL TOPICS IN SS	CLASSROOM	33	NA
SS3900 lec RADAR PROPAGATION STUD	CLASSROOM	33	NA
SS3900 lec SIG DETECT GEOLOCATION	CLASSROOM	33	NA
SS3900 lec SOVIET SPACE	CLASSROOM	44	NA
SS3900 lec SPECIAL TOPICS IN SS	CLASSROOM	33	NA

SS3900 lab SPECIAL TOPICS IN SS	CLASSROOM	22	NA
SS3900 lec TOOLS OF SYS ANALYSIS	CLASSROOM	44	NA
SS4000 lab SPACE SYS SEMINARS	CLASSROOM	11	NA
SS4001 lec DECISIONS & SPACE SYST	CLASSROOM	44	NA
SS4001 lab DECISIONS & SPACE SYST	CLASSROOM	22	NA
SS4900 lec ADV STUDY IN SS	CLASSROOM	22	NA
SS4900 lec ADV STUDY IN SS	CLASSROOM	33	NA
SS4900 lec LEO COMMMUNICATION SYS	CLASSROOM	33	NA
SS4900 lec MULTI SENSOR FUSION	CLASSROOM	33	NA
SS4900 lec NUMERI SOLNS TO EQUATI	CLASSROOM	22	NA
SS4900 lec SATELLITE REENTRY MODE	CLASSROOM	33	NA
SS4900 lec SATELLITE SYSTEM DESIG	CLASSROOM	44	NA
SS4900 lec SEW AND C2W COMPARISON	CLASSROOM	33	NA
SS4900 lec SPACE & ELECT WARFARE	CLASSROOM	33	NA
SS4900 lec SPACE DATA STRUCTUREII	CLASSROOM	44	NA
SS4900 lec SPACE DATA STRUCTURES	CLASSROOM	33	NA
SS4900 lec SPACE WARFR SYS EVAL	CLASSROOM	44	NA
ST0001 lab SEMINAR	CLASSROOM	11	NA
ST0810+ lab THESIS RESEARCH	CLASSROOM	88	NA
TS3000 lec ELECTRICAL POWER ENGR	CLASSROOM	33	NA
TS3001 lec NAVAL ARCHITECTURE	CLASSROOM	33	NA
TS3001 lab NAVAL ARCHITECTURE	CLASSROOM	22	NA
TS3002 lec PRINCIPLES SHIP DESIGN	CLASSROOM	33	NA
TS3002 lab PRINCIPLES SHIP DESIGN	CLASSROOM	22	NA
TS3003 lec NAVAL COMBAT SYSTEMS	CLASSROOM	33	NA
TS3003 lab NAVAL COMBAT SYSTEMS	CLASSROOM	22	NA
TS3003 lec NAVAL COMBAT SYSTEMS	CLASSROOM	44	NA
TS3005 lec NAVL COMBAT SYST DESIG	CLASSROOM	44	NA
TS3006 lec MATRL SELECT NAV APLIC	CLASSROOM	44	NA
TS4000 lec NAVAL COMBAT SYS ENGRG	CLASSROOM	33	NA
TS4000 lab NAVAL COMBAT SYS ENGRG	CLASSROOM	22	NA

TS4001 lec DESIGN NAV ENG SUBSYST	CLASSROOM	22	NA
TS4001 lab DESIGN NAV ENG SUBSYST	CLASSROOM	22	NA
TS4002 lec COMP ADV DSIGN CONCEPT	CLASSROOM	22	NA
TS4002 lab COMP ADV DSIGN CONCEPT	CLASSROOM	22	NA
TS4002 lec COMP ADV DSIGN CONCEPT	CLASSROOM	33	NA
TS4002 lab COMP ADV DSIGN CONCEPT	CLASSROOM	44	NA
TS4003 lec TOTAL SHIP DSIGN ENGRG	CLASSROOM	22	NA
TS4003 lab TOTAL SHIP DSIGN ENGRG	CLASSROOM	44	NA

Defense Resources Management Institute

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
DRMC	General (Classroom)	61	N/A
	General (Seminar Room)	62	N/A
	General (Seminar Room)	62	N/A
	General (Seminar Room)	62	N/A
	General (Seminar Room)	62	N/A
	General (Seminar Room)	62	N/A
	General (Seminar Room)	62	N/A
IDMC	General (Classsroom)	161	N/A
	General (Seminar Room)	103	N/A
	General (Seminar Room)	103	N/A
	General (Seminar Room)	103	N/A
	General (Seminar Room)	103	N/A
	General (Seminar Room)	103	N/A

	General (Seminar Room)	103	N/A
SIDMC	General (Classsroom)	56	N/A
	General (Seminar Room)	52	N/A
	General (Seminar Room)	52	N/A
	General (Seminar Room)	52	N/A
	General (Seminar Room)	52	N/A
	General (Seminar Room)	52	N/A
	General (Seminar Room)	52	N/A

Naval Postgraduate School

CCN: 171-20

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
AE2015 lab ENGINEERING DYNAMICS	MICROCOMPUTERS	22	NA
"AE2036 lab PERFORMANCE, STABILITY"	ADV COMPUTING	22	NA
"AE2036 lab PERFORMANCE, STABILITY"	COMPUTER INSTRUCTION		NA
"AE2036 lab PERFORMANCE, STABILITY"	MICROCOMPUTERS		NA
AE2042# lab THERMO-FLUID DYNAMICS	MICROCOMPUTERS	11	NA
AE2339 lab AEROSPACE SYS DYNAMICS	CONTROLS	22	NA
AE2440 lab INTRO DIGITAL COMPUTN	ADV COMPUTING	22	NA
	COMPUTER INSTRUCTION		NA
	MICROCOMPUTERS		NA
AE2801# lab AERO-LABORATORIES I	FATIGUE	5	NA
AE3340 lab LIN VIB&DYNAMIC STAB	ADV COMPUTING	22	NA
	COMPUTER INSTRUCTION		NA
AE3341 lab CONTROL:AEROSPACE VEH	ADV COMPUTING	22	NA
	COMPUTER INSTRUCTION		NA
"AE3451# lab AIRCRAFT,MISSL PROPUL"	ADV COMPUTING	7	NA
"AE3451# lab AIRCRAFT,MISSL PROPUL"	COMPUTER INSTRUCTION	7	NA
	SATELLITE		NA
	SPACE ATT		NA
AE4451 lab AIRCRAFT ENGINE DESIGN	ADV COMPUTING	22	NA
	COMPUTER INSTRUCTION		NA
AE4505 lab LASER/PART BEAM TECH	LINEAR ACCELERATOR	22	NA
	LASER DISCHARGE		NA
AE4507# lab FLUID DYN & HEAT TRFR	ADV COMPUTING	7	NA
AE4507# lab FLUID DYN & HEAT TRFR	COMPUTER INSTRUCTION	7	NA

AE4632 lab COMPUTER METHODS AERO	ADV COMPUTING	22	NA
	COMPUTER INSTRUCTION		NA
AE4816 lec DYN FLEX SPACE STRUCT	SPACE ATT	44	NA
AE4870 lec DESIGN OF SPACECRAFT	SATELLITE	44	NA
	SPACE ATT		NA
AE4871# lec SPCECRFT DSGN & INTII	SATELLITE	9	NA
AE4871# lec SPCECRFT DSGN & INTII	SPACE ATT	9	NA
CS0101 lab REFRESH-LAB SYSTEMS	ACADEMIC COMPUTING	11	NA
CS2970 lab STRUCT PROGR W/ADA	MICROCOMPUTER	11	NA
CS3030 lec PRIN OPERATING SYSTEMS	VISUAL DATABASE & INTER	44	NA
CS3111 lec PRIN PROGRAM LANGUAGE	ACADEMIC COMPUTING	44	NA
CS3300 lab DATA STRUCTURES	ACADEMIC COMPUTING	11	NA
	MICROCOMPUTER		NA
CS3310 lec ARTIFICIAL INTELL	ARTIFICIAL INTELL	44	NA
CS3320 lab DATABASE SYSTEMS	MICROCOMPUTER	11	NA
CS3450 lab SOFTWARE SYST DESIGN	VISUAL DATABASE & INTER	11	NA
CS3460 lab SOFTWARE METHODOLOGY	SOFTWARE ENGINEERING	11	NA
CS3550 lec COMP IN COMBAT SYSTEMS	ACADEMIC COMPUTING	33	NA
CS4112 lab OPERATING SYSTEMS	VISUAL DATABASE & INTER	22	NA
CS4150 lec PROGRAMG TOOLS/ENVIRON	SOFTWARE ENGINEERING	44	NA
CS4202 lab COMPUTER GRAPHICS	GRAPHICS & VIDEO	22	NA
CS4203 lab INTERACT COMPUTA SYST	GRAPHICS & VIDEO	22	NA
CS4310 lec ADV ARTIFICIAL INTELLG	ARTIFICIAL INTELL	44	NA
CS4311 lab EXPERT SYSTEMS	ARTIFICIAL INTELL	11	NA
CS4311 lab EXPERT SYSTEMS	ARTIFICIAL INTELL	22	NA
CS4312 lab ADVANCED DATABASE SYS	VISUAL DATABASE & INTER	11	NA
CS4313 lec ADVANCED ROBOTIC SYS	ARTIFICIAL INTELL	44	NA
CS4314 lab SYMBOLIC COMPUTING	ARTIFICIAL INTELL	22	NA
CS4322 lab ADV DATABASE SYS TOPIC	VISUAL DATABASE & INTER	11	NA
CS4450 lec ADV COMPUTER ARCHITECT	PARALLEL PROCESSING	44	NA

CS4451 lab MULTI-PROC/REAL-TIME	PARALLEL PROCESSING	11	NA
CS4470 lab COMP GRAPHICS TOPICS	GRAPHICS & VIDEO	22	NA
CS4471 lab COMPUTER ANIMATION	GRAPHICS & VIDEO	22	NA
CS4472 lab PHYSICALLY BASED MODEL	GRAPHICS & VIDEO	22	NA
CS4473 lab VIRTUAL WORLDS SIM SYS	GRAPHICS & VIDEO	22	NA
CS4500 lab SOFTWARE ENGINEERING	SOFTWARE ENGINEERING	11	NA
CS4520 lec ADV SOFTWARE ENG	SOFTWARE ENGINEERING	33	NA
CS4530 lec SOFTWARE ENG ADA	SOFTWARE ENGINEERING	33	NA
CS4540 lab SOFTWARE TESTING	SOFTWARE ENGINEERING	11	NA
CS4601 lec COMPUTER SECURITY	COMP SYSTEM & SECURITY	44	NA
CS4602 lec ADV COMPUTER SECURITY	COMP SYSTEM & SECURITY	44	NA
CS4920 lab ADA REAL TIME SOFTWARE	GRAPHICS & VIDEO	11	NA
CS4920 lab ADV TOPICS/CS	GRAPHICS & VIDEO	22	NA
CS4920 lab COMPUTER INTERFACE DES	GRAPHICS & VIDEO	22	NA
CS4920 lab EXP SYS IN ROBOTICS	GRAPHICS & VIDEO	22	NA
CS4920 lab HPOS W/KERBEROS	GRAPHICS & VIDEO	44	NA
CS4920 lab INTRO TO COMP MGMT	GRAPHICS & VIDEO	11	NA
CS4920 lab KERBEROS NETWORK SECUR	GRAPHICS & VIDEO	44	NA
CS4920 lab ONLINE HELP SYS DEVEL	GRAPHICS & VIDEO	88	NA
CS4920 lab PARALLEL COMPUTING	GRAPHICS & VIDEO	11	NA
CS4920 lab PREDICATE CALCULUS	GRAPHICS & VIDEO	44	NA
CS4920 lab SCIENTIFIC VISUALIZATI	GRAPHICS & VIDEO	22	NA
CS4920 lab USER INTERFACE DESIGN	GRAPHICS & VIDEO	44	NA
EC1010 lec INTRO TO MATLAB	PC/CAD	11	NA
	SERVO/CONTROLS		NA
EC2010 lab ANL SIGNALS & SYSTEMS	PC/CAD	11	NA
EC2100 lab CIRCUIT ANALYSIS I	ELECT & CIRCTS	22	NA
EC2110 lab CIRCUIT ANALYSIS II	ELECT & CIRCTS	22	NA
EC2200 lab ELEX ENGINEERING I	ELECT & CIRCTS	33	NA
EC2210 lab ELEX ENGINEERING II	ELECT & CIRCTS	22	NA
EC2220 lab DESIGN ELEC CIRCUITS	ELECT & CIRCTS	44	NA

EC2300 lab CONTROL SYSTEMS	SERVO/CONTROLS	22	NA
EC2500 lab PRINCIPLES OF COM SYS	COMM (TEACHING)	22	NA
EC2610 lab ELECTROMAGNETIC ENGRG	uWAVE/ANTENNAS	11	NA
EC2650 lab ACCL REV ELECTROMAG	uWAVE/ANTENNAS	22	NA
EC2800 lab INTRO:MICROPROCESSORS	DIGITAL SYSTEMS	22	NA
EC3210 lab INTRO ELECTRO-OPT ENG	OPTICAL ELEX	11	NA
EC3270 lab POWER ELECTRONICS	POWER ELECTRONICS	11	NA
EC3310 lab LINEAR OPTIMAL ESTMATN	SERVO/CONTROLS	11	NA
EC3550 lab FIBEROPTIC SYSTEMS	OPTICAL ELEX	11	NA
EC3600# lab ELECTROMAG RADIATION	uWAVE/ANTENNAS	11	NA
EC3610 lab MICROWAVE CIRCUITS	uWAVE/ANTENNAS	22	NA
EC3620 lab MICROWAVE DEVICES	uWAVE/ANTENNAS	22	NA
EC3640 lec ELECTRO ENVIRO EFFECTS	SIGNAL ENHANCEMENT LAB	33	NA
EC3650 lab COMPUT ELECTROMAG MODL	uWAVE/ANTENNAS	22	NA
EC3670 lab PRINS OF RADAR SYSTS	RADAR SYSTEMS	22	NA
EC3800 lab MICROPROC SYST DESIGN	DIGITAL SYSTEMS	22	NA
EC3820 lab COMPUTER SYSTEMS	VLSI CAE/CAD	11	NA
EC3830 lab DIGITAL DESIGN METHOD	VLSI CAE/CAD	22	NA
"EC4320 lec DES, LINEAR CNTRL SYS"	SERVO/CONTROLS	44	NA
"EC4330 lab NAVIGATN,MISL&AVIONICS"	SERVO/CONTROLS	22	NA
"EC4340 lab NAVIGATN,MISL&AVIONICS"	SERVO/CONTROLS	22	NA
EC4410 lab SPEECH SIGNAL PROCESS	ACADEMIC COMP	11	NA
EC4470 lab ADAPTIVE SIGNAL PROCES	ACADEMIC COMP	11	NA
EC4480 lab IMAGE PROC & RECOGNI	IMAGE PROC	22	NA
EC4610 lab RADAR SYSTEMS	RADAR SYSTEMS	22	NA
EC4620 lab RADAR SYSTEMS	RADAR SYSTEMS	22	NA
EC4660 lec HIGH FREQ TECHNIQUES	SIGNAL ENHANCEMENT LAB	44	NA
EC4670 lab ELECTRONIC WARFARE	EW SYSTEMS	11	NA
EC4680 lab ELEX WARFARE TECH&SYS	EW SYSTEMS	33	NA
EC4690 lab PRINC ELECT WARFARE	EW SYSTEMS	22	NA
EC4810 lab FAULT TOLERANT COMPTR	VLSI CAE/CAD	22	NA

EC4870 lab VLSI SYSTEMS DESIGN	VLSI CAE/CAD	22	NA
EO3720 lab ANALY RANDOM SIGNALS	ACADEMIC COMP	11	NA
"EO3780 lab ELEC WARFARE,COMPUTER"	ACADEMIC COMP	22	NA
IS2000# lec INTRO TO COMPUTER MGT	INFORMATION SYSTEMS	16	NA
IS3502# lec CMPTR NETWORKS: WA/LA	INFORMATION SYSTEMS	22	NA
	INFORMATION SYSTEMS		NA
	SOFTWARE METRICS		NA
IS4185# lec DECISION SUPPORT SYSTS	INFORMATION SYSTEMS	22	NA
IS4300 lec SOFTWARE ENGRG & MGMT	INFORMATION SYSTEMS	44	NA
IS4502# lec TELECOMMUNICATIONS NET	INFORMATION SYSTEMS	22	NA
ME2441 lab ENGRG COMPUTATION LAB	CAD/CAE	22	NA
ME3241 lab POWER PLANTS LAB	GAS TURBINE	33	NA
ME3802 lab CONTROLS LABORATORY	CONTROL SYSTEMS	22	NA
ME4211 lec HYDRODYNAMICS	HYDRO/ FL MECH	44	NA
ME4220 lec VISCOUS FLOW	HYDRO/ FL MECH	44	NA
ME4811 lab MODERN CONTROL SYSTEMS	CONTROL SYSTEMS	22	NA
ME4813 lab FLUID POWER LAB	CONTROL SYSTEMS	22	NA
"MN4163 lec TECHNIQUES,FIN CONTROL"	INFORMATION SYSTEMS	44	NA
MN4310 lec LOGISTICS ENGINEERING	INFORMATION SYSTEMS	44	NA
MR2020 lec COMPUTER/AIR-OCEAN SCI	IDEA	11	NA
MR2210 lab INTRO TO METEOROL/LAB	SYNOPTIC AN & FORCST	22	NA
"MR2413 lab METEOROL, ANTISUB WAR"	AIR/OCEAN/OR TACTICS	11	NA
"MR2416 lec METEOROL, ELEC WARFARE"	AIR/OCEAN/OR TACTICS	22	NA
MR2419 lec ATMOSPHERIC FACTOR C3	AIR/OCEAN/OR TACTICS	22	NA
MR3150 lab ANALY AIR-OCEAN TIME	MARINE ATMOSPHR MEAS	22	NA
MR3222 lab METEOR ANALYSIS LAB	IDEA	33	NA
MR3234 lab TROPOS&STRATOS METEOR	IDEA	44	NA
MR3252 lab TROPICAL METEOROL/LAB	SYNOPTIC AN & FORCST	44	NA
MR3262 lab OP ATMOSPH PREDIC/LAB	IDEA	55	NA
	SYNOPTIC AN & FORCST		NA

MR4413 lab AIR/SEA INTERACTION	MARINE ATMOSPHR MEAS	11	NA
MR4416 lec ELEC&OPTICAL PROPAGATN	AIR/OCEAN/OR TACTICS	44	NA
MR4800 lec ADV TOPICS IN METEOR	SYNOPTIC AN & FORCST	33	NA
OC2020 lab COMPTR COMP AIR/OC SC	COMPUTER GRAPHICS	22	NA
OC3150 lab ANALYSI AIR-OCEAN TIME	COMPUTER GRAPHICS	22	NA
OC3240 lab OCEAN CIRCULATION	COMPUTER GRAPHICS	22	NA
OC3266 lab ACOUSTIC FORECASTING	TACTICAL MICRO	22	NA
OC3570 lab OP OCEANO & MET	SHIP (UNOLS/NAVO)	44	NA
OC3570# lab OPER OCEANOGRAPHY	SHIP (UNOLS/NAVO)	15	NA
OC4213 lab NEARSHORE/WAVE PROCESS	COMPUTER GRAPHICS	11	NA
OC4323 lab NUM AIR&OCEAN MODELING	COMPUTER GRAPHICS	22	NA
OC4413 lab AIR-SEA INTERACTION	COMPUTER GRAPHICS	11	NA
OC4414 lec ADV AIR-SEA INTERACTNS	COMPUTER GRAPHICS	33	NA
PH2119 lab OSCILLATIONS AND WAVES	ACOUSTICS	22	NA
PH2911 lab INTRO:COMPTNL PHYSICS	COMP AND SIMULATION	22	NA
PH3208 lab ELEC-OPTIC PRIN & DEV	ELECTRO-OPTICS	11	NA
PH3402 lab UNDERWATER ACOUSTICS	ACOUSTICS	11	NA
PH3451 lab FUNDAMENTAL ACOUSTICS	ACOUSTICS	22	NA
PH3452 lab UNDERWATER ACOUSTICS	ACOUSTICS	22	NA
PH3855 lab NUCLEAR PHYSICS	LINEAR ACCELERATOR	22	NA
	NUCLEAR PH		NA
PH4054 lec BEAM&LASER WEAPON PHYS	LINEAR ACCELERATOR	44	NA
PH4209 lab EO/IR SYS&CNTRMSR	ELECTRO-OPTICS	22	NA
"PH4253 lab SENSORS,SIGNALS & SYST"	ELECTRO-OPTICS	22	NA
PH4403 lab UNDERWATER ACOUSTICS	ACOUSTICS	11	NA
PH4410 lab ADV ACOUSTICS LAB	ACOUSTICS	66	NA
PH4454 lab TRANSDUCER THEORY	ACOUSTICS	22	NA
PH4911 lab WEAPONS SYS SIMULATION	COMP AND SIMULATION	22	NA
SE2012 lab APP PHYSICS LAB I	APPLIED PHYSICS	33	NA
SE2013 lab APPLIED PHYS LAB II	APPLIED PHYSICS	33	NA
SE2014 lab PHY LABIII:DIGITAL TEC	APPLIED PHYSICS	33	NA

SE3015 lab PHY LAB IV:SYS CONTROL	APPLIED PHYSICS	33	NA
TS3000 lab ELECTRICAL POWER ENGR	POWER ELECTRONICS	22	NA

Defense Resources Management Institute
CCN: 171-20

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
DRMC	Computer Lab	12	N/A
IDMC	Computer Lab	45	N/A
SIDMC	Comptuer Lab	9	

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CCN: 171-35

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
N/A			

CCN: 179-30

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
N/A			

CCN: 310-23

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
AE2043 lab FUND OF GAS DYNAMICS	GAS DYNAMICS	22	NA
	GAS DYNAMICS		NA
AE2801# lab AERO-LABORATORIES I	WIND TUNNELS	5	NA
AE3802# lab ADV AREA INST&TEST FAC	GAS DYNAMICS	5	NA
AE3802# lab ADV AREA INST&TEST FAC	GAS DYNAMICS	5	NA
AE4431# lab AEROTHERMODYNAMICS	GAS DYNAMICS	7	NA

CCN: 310-33

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
CC4003 lab C3 SYSTEMS EVALUATION	DOS LRN RES CTR II	44	NA
	HP UNIX LRN RES CTR I		NA
MA1117 lab SINGLE VARIABLE CALC	HP UNIX LRN RES CTR I	22	NA
"MA1248# lab APPL MATH C3,SS,COM"	DOS LRN RES CTR II	5	NA
MA3232# lab NUMERICAL ANALYSIS	HP UNIX LRN RES CTR I	5	NA
NS3011 lab POL ANLY&RES METH AREA	MAC LRN RES CTR I	22	NA
OA3102 lab PROBABILITY/STATISTICS	DOS LRN RES CTR II	11	NA
OA3104# lab DATA ANALYSIS	DOS LRN RES CTR II	5	NA
OA3302# lec SYSTEM SIMULATION	HP UNIX LRN RES CTR I	22	NA
OA3601 lec COMBAT MODELS & GAMES	MAC LRN RES CTR I	44	NA
"OA3602 lec SEARCH THEORY, DETECT"	MAC LRN RES CTR I	44	NA

OS3004 lec OR FOR COMP SYST MGRS	DOS LRN RES CTR II	55	NA
OS3404# lab MAN-MACHINE INTERACTN	MAC LRN RES CTR I	11	NA

CCN: 310-37

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
OC3230# lec DESC PHYSICAL OCEANOGR CALIBRATION FACILITY 16			
NA			
OC3570# lab OPER OCEANOGRAPHY CALIBRATION FACILITY 15 NA			
OC3570# lab OPER OCEANOGRAPHY CALIBRATION FACILITY 15 NA			

CCN: 3XX-XX

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
AE4323 lab FLIGHT EVAL TECHNIQUES	FLIGHT SIMULATION	22	NA
AE2035 lab BASIC AERODYNAMICS	WATER TUNNEL	22	NA
AE2801 lab AERO-LABORATORIES I	STRUCTURES	5	NA
AE2801 lab AERO-LABORATORIES I	WATER TUNNEL	5	NA
AE3802 lab ADV AREA INST&TEST FAC	WATER TUNNEL	5	NA
EC3600 lab ELECTROMAG RADIATION	TRAN EM SCAT	11	NA
EC4600 lec ADV ELECTROMAG THEORY	TRAN EM SCAT	33	NA
AE2042 lab THERMO-FLUID DYNAMICS	TURBOPROPULSION	11	NA
AE3451 lab AIRCRAFT,MISSL PROPUL	TURBOPROPULSION	7	NA
AE3802 lab ADV AREA INST&TEST FAC	TURBOPROPULSION	5	NA
AE3802 lab ADV AREA INST&TEST FAC	TURBOPROPULSION	5	NA

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
AE4431 lab AEROTHERMODYNAMICS	TURBOPROPULSION	7	NA
AE4431 lab AEROTHERMODYNAMICS	TURBOPROPULSION	7	NA
AE4507 lab FLUID DYN & HEAT TRFR	TURBOPROPULSION	7	NA
AE3851 lab SPACECRAFT PROPULSION	ROCKET/RAMJET	22	NA
AE4452 lec ROCKET, MISSILE PROPUL	ROCKET/RAMJET	44	NA
OA4605 lec OPNS RES, NAV WARFARE	WARLAB	33	NA
OA4654 lec AIRLAND COMBAT MDLS I	WARLAB	44	NA
OA4655 lec AIRLAND COMBAT MDLS II	WARLAB	44	NA
OS3303 lab COMPUTER SIMULATION	WARLAB	5	NA
OS3602 lec MODELS OF ASW C3 PRCSS	WARLAB	44	NA
OS3603 lab SIMULATION/WAR GAMING	WARLAB	4	NA
EC4450 lab SONAR SYSTEMS ENGRG	UWATER ACOUS	11	NA
EC4490 lec OCEAN ACOUSTIC TOM	UWATER ACOUS	33	NA
ME3521 lab MECHANICAL VIBRATION	SOLID MECHANICS	22	NA
ME4550 lab RANDOM VIBRATIONS	SOLID MECHANICS	22	NA
MS2201 lab ENGRG MATERIALS	SOLID MECHANICS	22	NA
MS3202 lab FAILURE ANALY&PREVENT	SOLID MECHANICS	22	NA
MS3304 lab CORROSION,MARINE ENVRN	SOLID MECHANICS	22	NA
MS3606 lab JOINING METALLURGY	SOLID MECHANICS	11	NA
MS4312 lab ADV MTD MATRL CHRACTER	SOLID MECHANICS	22	NA
ME3410 lab MECH ENG & INST MEASU	INSTRUMENTATION	44	NA
AE3815 lab INTRO TO SPCRFT DYNMCS	AIS COMPUTING	22	NA
AE4871 lec SPCECRFT DSGN & INTII	AIS COMPUTING	9	NA

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
CC3000 lec INTRO C3	SYSTEMS TECHNOLOGY LAB	44	NA
CC3111 lec C3 MISSION, ORGANIZATN	SYSTEMS TECHNOLOGY LAB	44	NA
EO3740 lab SPACE POWER & RADIATIO	RADIATION EFFECTS	11	NA
MA1248 lab APPL MATH C3,SS,COM	JANUS RESEARCH	5	NA
MA3042 lec LINEAR ALGEBRA	JANUS RESEARCH	44	NA
MA3232 lab NUMERICAL ANALYSIS	JANUS RESEARCH	5	NA
ME2201 lab INTRO,FLUID MECHANICS	HYDRODYNAMICS	22	NA
OA3104 lab DATA ANALYSIS	RESRCH COMPUTING	5	NA
OA3302 lec SYSTEM SIMULATION	RESRCH COMPUTING	22	NA
OA3401 lec HUMAN FACT, SYS DES I	HUMAN SYSTEMS INTEGRATION	44	NA
OA4202 lec NETWORK FLOWS, GRAPHS	OPTIMIZATION	44	NA
OA4333 lec SIMULATION METHODOLOGY	RESRCH COMPUTING	44	NA
OA4401 lec HUMAN PERFORM EVAL	HUMAN SYSTEMS INTEGRATION	44	NA
OS3303 lab COMPUTER SIMULATION	OPTIMIZATION	5	NA
OS3402 lab HUMAN VIGILANCE PERF	HUMAN SYSTEMS INTEGRATION	11	NA
OS3404 lab MAN-MACHINE INTERACTN	HUMAN SYSTEMS INTEGRATION	11	NA
OS3603 lab SIMULATION/WAR GAMING	SYSTEMS TECHNOLOGY LAB	4	NA
OS3603 lab SIMULATION/WAR GAMING	SYSTEMS TECHNOLOGY LAB	4	NA

Mission Requirements (Cont.) UIC: 62271

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier, i.e. include exercise set-up, stage ammunition, etc. **Examples are provided in bold type**.

N/A

REVISED PER DEAN ELSTER, - NPS ON 10/11/94
LT Ben D. Pim - FLOSUPACT.

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NPS DC #22

Mission Requirements (Cont.)

UIC: 62271

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier, i.e. include exercise set-up, stage ammunition, etc. **Examples are provided in bold type.**

N/A

Course Identifier	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M5660223	**LZ Bluebird**	**48**	**40**
	TA 8	**6**	**0**
	TA 15	**24**	**10**
M5660254	**TA 9**	**50**	**50**
USMC RLT	**Delta Corridor**	**48**	**60**
	Lava Lake	**6**	**50**
	Noble Pass	**30**	**75**
USMC BLT	**Quackenbush Lake**	**50**	**58**
	Noble Pass	**24**	**29**

10. Airspace. For those courses or CAX types that require special-use-airspace (SUA) or airspace-for-special-use, give the type(s) of airspace required and the number of hours it is needed per convening.

N/A

Course Identifier	Type(s) Airspace	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

11. Airfields. For those courses or CAX types that require use of an airfield, list the airfield(s) used and the number of hours needed per convening.

N/A

Course Identifier	Airfield(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

B. Other Training at Educational Institutions and Formal Schools. Each educational institution and formal school is required to fill out the two questions in this section. Other usage requirements *for training* must be derived from another formal school's requirements; or that are required to maintain readiness of permanent/support personnel; tenant and non-tenant active duty Fleet/FMF; and non-operational units/shore activities, reserves, and other DoD organizations; or that necessary to satisfy other non-DoD training requirements. Examples of training conducted in the educational institution's or formal schools facilities to be reported in this section include, but are not limited to: 1 hour of annual sexual harassment training for permanent personnel, permanent personnel annual weapons requalification, reserve unit training on weekends, coast guard classes.

X	**EDUCATIONAL INSTITUTION:**	Naval Postgraduate School
	FORMAL SCHOOL:	

B. Other Training at Educational Institutions and Formal Schools. Each educational institution and formal school is required to fill out the two questions in this section. Other usage requirements *for training* must be derived from another formal school's requirements; or that are required to maintain readiness of permanent/support personnel; tenant and non-tenant active duty Fleet/FMF; and non-operational units/shore activities, reserves, and other DoD organizations; or that necessary to satisfy other non-DoD training requirements. Examples of training conducted in the educational institution's or formal schools facilities to be reported in this section include, but are not limited to: 1 hour of annual sexual harassment training for permanent personnel, permanent personnel annual weapons requalification, reserve unit training on weekends, coast guard classes.

X	**EDUCATIONAL INSTITUTION:**	Naval Postgraduate School
	FORMAL SCHOOL:	

1. Training Facilities. By Facility CCN, provide the usage *requirements for training* during the fiscal years indicated, *other than* programmed courses of instruction. Include all applicable 171-xx, 179-xx, and other CCNs of facilities in which training occurs. **The example in bold type below illustrates a response by a formal school that in one building has a total of four general academic classrooms, one of which seats 20 students, another seats 30, and two others that each seat 40 students. Permanent personnel and a reserve unit used all of them to varying degrees throughout fiscal years 1992 and 1993; their anticipated usage requirements for FY 2001 are best estimates.**

In addition to formal courses of instruction at NPS, there are numerous requirements for students, faculty, and staff to attend various conferences, symposia, training and safety workshops, short courses, and special Superintendent's Guest Lectures. These activities occur in the facilities noted below.

CCN: 171-10

Type of Training Facility	Design Capacity (PN)[1] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
General Academic	50	1	1800[a]	1345	1345
	1334	1	*	365	365
	180	1	1400[a]	958	958
	30	1	**	603	603
	290	1	**	605	605

* During FY92 KING Hall underwent seismic upgrade renovation. As a result, it was not available for training purposes.

** During FY92, GLASGOW Hall was under construction. The building was completed late in FY92 and as a result, there was little training activity to be documented.

a These numbers are estimates based on FY93 usage and the lack of availability of other rooms as noted above.

Mission Requirements (Cont.)

UIC: 62271

2. Training Areas. For each land and water training areas used by the educational institution or formal school, provide the usage *requirements for training* during the fiscal years indicated, *other than* their programmed courses of instruction; include landing zones (LZs) and gun firing positions (GPs) that are scheduled individually, and impact areas.

N/A

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

C. Other Training at the Marine Corps Air Ground Combat Center. In addition to information provided in response to Mission Requirements Section B, respond to the following four questions with regard to the training facilities and training areas used to support CAXs. Other usage requirements for training must be derived from another formal school's requirements, or that required to maintain readiness of permanent/support personnel and other military units, or to satisfy other non-DoD training requirements.

N/A

1. Units/Users Supported. Complete the following tables (1.a through 1.e) for units/users that conducted training at the Training Center *not* in conjunction with a programmed CAX.

a. List all active duty FMF units which were tenants of the Training Center as of 1 April 1994; list other unit types as necessary.

N/A

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?[6]	FY 1997 Manning Level	Number of Units	FY 1999 Manning Level	Number of Units	FY 2001 Manning Level	Number of Units
AGSE									
HqCo, Inf Regt									
Inf Bn (entire Bn)[7]									
Arty Bn (entire Bn)									
LAI Bn (entire Bn)									
Tank Bn (entire Bn)									

[6]Do all units, even while deployed, have facilities set aside for their occupancy?

[7]"(entire Bn)" = all companies, including H&S Co or Hqtrs Btry, antiarmor plat, if applicable

N/A

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?	FY 1997 Manning Level	Number of Units	FY 1999 Manning Level	Number of Units	FY 2001 Manning Level	Number of Units
SRIG Det									
AAV Co									
CSSG									
MEB Cmd Elem									
Other (specify)									

b. Complete the following table for all *non-tenant active duty FMF* unit (ground and air) types which trained at the Training Center during the fiscal years indicated.

N/A

Unit Type	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level	Number of Units	Manning Level	Number of Units

C. Other Training at the Marine Corps Air Ground Combat Center (Cont.)

c. Complete the following table for all *reserve* unit (ground and air) types (from all services) which trained at the Training Center during the fiscal years indicated.

N/A

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level	Number of Units	Manning Level	Number of Units

d. Complete the following table for all *other active duty DOD* unit types (not included in the previous tables, i.e. classes of students from formal schools not tenants of the Training Center) which trained at the Training Center.

N/A

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level (Average)	Number of Units	Manning Level (Average)	Number of Units

e. Complete the following table for all *non-DoD* user types which trained at the Training Center.

N/A

User Size	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level (Average)	Number of Users	Manning Level (Average)	Number of Units

Mission Requirements (Cont.)

UIC: 62271

2. Tenant Unit Major Equipment. Complete the following tables (2.a through 2.h) for each *tenant* active duty ground and aviation FMF unit type identified in response to question C.1.a to provide facility (21x-xx and 4xx-xx CCNs, etc.) *minimum* requirements in terms of square feet (SF) or some other unit of measure (identify) to support their major equipment authorized. *Do not* include training facilities. Create additional columns, rows, and tables as needed.

Unit Type:

a. Major Equipment: **Tanks**

N/A

Type of Tank	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

b. Major Equipment: **Light Armored Vehicles**

N/A

Type of LAV	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

c. Major Equipment: **Assault Amphibious Vehicles**

N/A

Type of AAV	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

d. Major Equipment: **Trucks**

N/A

Type of Truck	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

e. Major Equipment: **Artillery Guns**

N/A

Type of Gun	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

f. Major Equipment: **Landing Support Heavy Equipment**

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

g. Major Equipment: **Engineer Support Heavy Equipment**

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

h. Major Equipment: _____

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

3. Training Facilities. By Facility CCN, provide the usage requirements of each of the *unit types/user sizes* identified in response to question C.1 for the fiscal years indicated. Include all applicable 171-xx, 179-xx, and other CCNs of facilities in which training occurs. For ranges, ensure that at the minimum, the following types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

a. Historical Usage Requirements

N/A

CCN:_____

Type of Training Facility	Design Capacity (PN)[8] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[9]

[8]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[9]Ranges only

b. Projected Usage Requirements

N/A

CCN:_____

Type of Training Facility	Design Capacity (PN)[10] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1994	FY 1995	FY 1997

[10]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

N/A

Type of Training Facility	Design Capacity (PN) per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1999	**FY 2001**	**Mobilization Requirement (2001)**

4. Training Areas. Provide the land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) usage requirements of each of the *unit types/user sizes* identified in response to question C.1 for the fiscal years indicated.

a. Historical Usage Requirements

N/A

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted[11]	Usage Requirements (Hours Used per FY)		
				FY 1991	FY 1992	FY 1993

[11]Provide a general description (e.g., day/night; offensive/defensive tactics; squad assault; fire and maneuver; etc.)

4. Training Areas (Cont.)

b. Projected Usage Requirements

N/A

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1994	**FY 1995**	**FY 1997**

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1999	**FY 2001**	**Mobilization Requirement (2001)**

Mission Requirements (Cont.)

UIC: 62271

D. Academic Research. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box. Academic research is funded (except for 6.x and O&MN direct funded research) or non-funded scholarly activity by students in addition to required course work, by faculty above and beyond curriculum development, or conducted by others. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively.

X	**EDUCATIONAL INSTITUTION:**	NAVAL POSTGRADUATE SCHOOL
	FORMAL SCHOOL:	
	CAX	

1. Training Facilities. By Facility CCN, provide the usage *requirements for academic research* during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx, 179-xx, and other CCNs of facilities in which this research occurs. Place an "S," "F," "S/F," or "O" in the User(s) column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively.

a. Provide the usage requirements for research conducted in conjunction with or in support of programmed courses of instruction or CAXs.

Note: The Academic Research requirements in the following tables are computed in terms of person-hours per year.

CCN: **171-10**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
DECISION SUPPORT	25	1	S/F	Systems Management	9400	9400
ELECTRONICS SHOP	N/A	1	S/F/O	Physics	4000	4000
ELECTRONICS SHOP	N/A	1	O	Physics	2000	2000
EM PROPAGATION	3	1	S/F	Elec/Cmptr Enginr'g	2000	2000
PC/CAD	10	1	F	Elec/Cmptr Enginr'g	2010	2010

CCN: **171-20**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
HYDOR/FL MECH	6	1	S/F	Mechanical Enginrng	800	800
DECISION SUPPORT	25	1	S/F	Systems Management	9400	9400
ELECTRONICS SHOP	N/A	1	S/F/O	Physics	4000	4000
ELECTRONICS SHOP	N/A	1	O	Physics	2000	2000
EM PROPAGATION	3	1	S/F	Elec/Cmptr Enginr'g	2000	2000
PC/CAD	10	1	F	Elec/Cmptr Enginr'g	2010	2010

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

ACADEMIC COMP	4	1	S/F	Elec/Cmptr Enginr'g	4530	4530
ADV COMPUTING	2	1	S/F	Aero/Astro Enginr'g	150	150
ADV COMPUTING	2	1	S/F	Aero/Astro Enginr'g	1300	1300
APPLIED PHYSICS	2	1	S/F	Physics	6765	6765
COMP AND SIMULATION	4	1	S/F	Physics	11430	11430
COMPUTER GRAPHICS	14	1	S/F	Oceanography	3350	3350
CONTROLS	2	1	S/F	Aero/Astro Enginr'g	550	550
DIGITAL SIGNAL PROC	5	1	S	Elec/Cmptr Enginr'g	700	700
DIGITAL SYSTEMS	4	1	S/F	Elec/Cmptr Enginr'g	625	625
SYSTEMS TECHNOLOGY	30	1	S/F	Groups	110	110
ELECT & CIRCTS	10	1	S/F/O	Elec/Cmptr Enginr'g	900	900
MICROCOMPUTER	10	1	S	Computer Science	100000	100000
MICROCOMPUTERS	6	1	S/F	Aero/Astro Enginr'g	500	500
NUCLEAR PH	2	1	S/F	Physics	110	110
OPTICAL ELEX	6	1	S/F/O	Elec/Cmptr Enginr'g	1770	1770
POWER ELECTRONICS	15	1	S/F	Elec/Cmptr Enginr'g	700	700
SATELLITE	3	1	S/F/O	Aero/Astro Enginr'g	1600	1600
STUDENT PUBLISH	7	1	S	Elec/Cmptr Enginr'g	250	250
TACTICAL MICRO	3	1	S/F/O	Oceanography	700	700
VLSI CAE/CAD	2	1	S/F	Elec/Cmptr Enginr'g	1300	1300

CCN: **310-19**

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
ACOUSTICS	2	1	S/F	Physics	2365	2365
ELECTRO-OPTICS	4	1	S/F	Physics	1594	1594
FIBER OPTIC HYDROPH	4	1	S/F	Physics	242	242
NAV CENT FOR IR TECH	2	1	S/F/O	Physics	5000	5000
SONAR TRANSDUCER	4	1	F/O	Physics	2000	2000
STUDENT INST MICRO	2	1	S/F	Physics	2500	2500

CCN: **310-23**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirement s (user hours per year)	FY2001 Requirements (user hours per year)
WIND TUNNELS	6	1	S	Aero/Astro Enginr'g	30	30

CCN: **310-27**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
IDEA	18	1	F/O	Metorology	1750	1750

CCN: **310-33**

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
ACADEMIC COMPUTING	40	1	S	Computer Science	25000	25000
ARTIFICIAL INTELL	12	1	S/F	Computer Science	3000	3000
COMP SYSTEM & SECURITY	8	1	S/F	Computer Science	1000	1000
GRAPHICS & VIDEO	5	1	S/F	Computer Science	11000	11000
INFORMATION SYSTEMS	23	1	S/F	Systems Management	710	710
PARALLEL PROCESSING	8	1	S/F	Computer Science	1000	1000
SOFTWARE ENGINEERING	10	1	S/F	Computer Science	2000	2000
SOFTWARE METRICS	13	1	S	Systems Management	100	100
VISUAL DATABASE & INTER	10	1	S/F	Computer Science	7000	7000

CCN: **310-37**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
NEARSHORE OC	2	1	S/F/O	Oceanography	1800	1800
SHIP (UNOLS/NAVO)	4	1	S/F/O	Oceanography	7200	7200

CCN: **311-10**

Mission Requirements (Cont.)

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
UAV	6	1	S/F	Aero/Astro Enginr'g	950	950

CCN: **312-25**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
SPACE ATT	2	1	S/F/O	Aero/Astro Enginr'g	1800	1800
WATER TUNNEL	2	1	S/F	Aero/Astro Enginr'g	350	350

CCN: **317-15**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
uWAVE/ANTENNAS	8	1	S/F	Elec/Cmptr Enginr'g	420	420

CCN: **317-25**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
AIS COMPUTING	7	1	S/O	Systems Management	13125	13125
IMAGE PROC	7	1	S/F	Elec/Cmptr Enginr'g	1690	1690

1. Training Facilities (Cont.)

MOBILE SAT GROUND STATION	7	1	S/O	Systems Management	750	750
MULTIMEDIA LAB	7	1	S/F	Systems Management	1000	1000
SPACECRAFT INT & TEST	7	1	S/O	Systems Management	500	500

CCN: **319-25**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
WARLAB	12	1	S/F	Operations Research	540	540

CCN: **320-10**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
SOLID MECHANICS	6	1	S/F	Mechanical Enginrg	4100	4100
UNDERWATER SHOCK	6	1	S/F	Mechanical Enginrg	3140	3140
UWATER ACOUS	3	1	S/F/O	Elec/Cmptr Enginr'g	1000	1000

CCN: **321-10**

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
TWO PHASE HEAT XFER	6	1	S/F	Mechanical Enginrg	1250	1250

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

WOOD SHOP	N/A	1	O	Aero/Astro Enginr'g	500	500

CCN: **3xx-xx** (Laboratory Facilities that are new or relocated that have not had a CCN assigned.)

Type of Training Facility	Capacity for Academic Research	Number	Academic Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
HUMAN SYSTEMS INTEGRATION	10	1	S/F	Operations Research	900	900
JANUS RESEARCH	4	1	F	Mathematics	20	20
OPTIMIZATION	10	1	S/F	Operations Research	1200	1200
RESRCH COMPUTING	10	1	S/F	Operations Research	4000	4000
RESRCH COMPUTING	10	1	S/F	Operations Research	160	160
SCIEN COMPUTATION	12	1	S/F	Mathematics	7800	7800
SECURE COMPUTER PROCESSING LAB	4	1	S	Elec/Cmptr Enginr'g	400	400
SOLIC LAB	4	1	S	Nat'l Security Affairs	1800	1800

1. Training Facilities (Cont.)

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

2. Training Areas. Provide the usage *requirements for academic research* during the fiscal years indicated, for each land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) used by the educational institution, formal school, or CAX and in which research is conducted.

a. Provide the usage requirements for research conducted by students and faculty in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

2. Training Areas (Cont.)

E. RDT&E Support. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box. RDT&E support is activity conducted with 6.x or O&MN direct funding. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively.

X	**EDUCATIONAL INSTITUTION:**	NAVAL POSTGRADUATE SCHOOL
	FORMAL SCHOOL:	
	CAX	

1. Training Facilities. By Facility CCN, provide the usage *requirements for RDT&E support* during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx, 179-xx, and other CCNs of facilities used for this support role. Place an "S," "F," "S/F," or "O" in the User column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively.

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

(Note: In the following tables the RDT&E research requirements have been computed in person-hours per year.)

CCN: **171-10**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
AVIONICS	4	1	S/F/O	Aero/Astro Enginr'g	4700	4700
DECISION SUPPORT	25	1	S	Systems Management	200	200
DIGITAL COMMUNICATION	4	1	S	Elec/Cmptr Enginr'g	350	350
ELECTRONICS SHOP	N/A	1	S/F/O	Physics	4000	4000
ELECTRONICS SHOP	N/A	1	S/F	Physics	4200	4200
ELECTRONICS SHOP	N/A	1	S	Physics	300	300
EM PROPAGATION	2	1	S/F	Elec/Cmptr Enginr'g	6000	6000
MOORED EXPERIMENT LAB	4	1	S/F/O	Oceanography	6170	6170
MULTIMEDIA LAB	7	1	S/F	Systems Management	1240	1240
PC/CAD	10	1	S/F	Elec/Cmptr Enginr'g	5780	5780
SPACECRAFT INT & TEST	2	1	S/F/O	Groups	15500	15500
OPEN SITE EMI/EMC	2	1	O	Groups	125	125
MOBILE SAT GROUND STATION	2	1	S/O	Groups	1000	1000

Mission Requirements (Cont.)

UIC: 62271

1. Training Facilities (Cont.)

CCN: **171-20**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
ACADEMIC COMP	8	1	S/F	Elec/Cmptr Enginr'g	10280	10280
ADV COMPUTING	4	1	S/F/O	Aero/Astro Enginr'g	8450	8450
ADV COMPUTING	4	1	S/F	Aero/Astro Enginr'g	5200	5200
AIR/OCEAN/OR TACTICS	0	1	O	Metorology	500	500
APPLIED PHYSICS	2	1	S/F	Physics	1000	1000
ARTIFICIAL INTELL	0	1	S/F	Computer Science	15000	15000
CAD/CAE	10	1	S/F	Mechanical Enginr'ing	4320	4320
CONTROL SYSTEMS	5	1	S/O	Mechanical Enginr'ing	1324	1324
TWO PHASE HEAT XFER	6	1	S/F/O	Mechanical Enginring	1110	1110
COMPUTER GRAPHICS	14	1	S/F/O	Oceanography	7050	7050
CONTROLS	2	1	S/F	Aero/Astro Enginr'g	550	550
DIGITAL SIGNAL PROC	10	1	S/F	Elec/Cmptr Enginr'g	9350	9350
DIGITAL SYSTEMS	4	1	S/F	Elec/Cmptr Enginr'g	200	200
SERVO/CONTROLS	8	1	S/F	Elec/Cmptr Enginr'g	1100	1100
ELECT & CIRCTS	10	1	S/F/O	Elec/Cmptr Enginr'g	150	150
HYDRO/FL MECH	6	1	S/F	Mechanical Enginr'ing	1200	1200
EW SYSTEMS	4	1	S/F	Elec/Cmptr Enginr'g	140	140
FATIGUE	4	1	S	Aero/Astro Enginr'g	1450	1450
GRAPHICS & VIDEO	0	1	F	Computer Science	500	500

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

IDEA	0	1	S/F/O	Metorology	34050	34050
IMAGE PROC	0	1	S/F/O	Elec/Cmptr Enginr'g	4080	4080
LASER DISCHARGE	2	1	S/F	Aero/Astro Enginr'g	70	70
MARINE ATMOSPHR MEAS	0	1	S/F/O	Metorology	7550	7550
MICROCOMPUTERS	0	1	S/F	Aero/Astro Enginr'g	3670	3670
NAVAL PREDICTION	2	1	S/F/O	Oceanography	1760	1760
NUCLEAR PH	2	1	S/F/O	Physics	800	800
OPTICAL ELEX	6	1	S/F/O	Elec/Cmptr Enginr'g	2000	2000
POWER ELECTRONICS	15	1	S/F	Elec/Cmptr Enginr'g	7600	7600
RADAR SYSTEMS	4	1	S/F	Elec/Cmptr Enginr'g	140	140
SATELLITE	2	1	S/F/O	Aero/Astro Enginr'g	1800	1800
SHIP (UNOLS/NAVO)	0	1	S/F/O	Oceanography	5760	5760
SIGNAL ENHANCEMENT LAB	5	1	S/F/O	Elec/Cmptr Enginr'g	7200	7200
SOFTWARE ENGINEERING	0	1	F	Computer Science	30000	30000
SPACE ATT	0	1	S/F	Aero/Astro Enginr'g	2000	2000
STUDENT PUBLISH	7	1	S/F	Elec/Cmptr Enginr'g	350	350
SYNOPTIC AN & FORCST	0	1	S/F	Metorology	3800	3800
TACTICAL MICRO	5	1	S/F	Oceanography	300	300
uWAVE/ANTENNAS	0	1	S	Elec/Cmptr Enginr'g	2300	2300
VISUAL DATABASE & INTER	0	1	S/F	Computer Science	5000	5000
VLSI CAE/CAD	2	1	S/F	Elec/Cmptr Enginr'g	1750	1750
AIS COMPUTING	-	1	S/O	Groups	21900	21900

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

CCN: **310-15**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
WELDING	4	1	S/F	Mechanical Enginring	640	640
MECHANICAL TESTING	12	1	S/F	Mechanical Enginring	1400	1400
TEM MICROSCOPY	12	1	S/F	Mechanical Enginring	1400	1400
SEM MICROSCOPY	6	1	S/F	Mechanical Enginring	560	560
XRAY DIFF MICROSCOPY	6	1	S/F	Mechanical Enginring	560	560
OPTICAL MICROSCOPY	12	1	S/F	Mechanical Enginring	1120	1120
COMPOSITES	6	1	S/F	Mechanical Enginring	560	560
MATERIAL SUPPORT	12	1	S/F	Mechanical Enginring	1125	1125
COMPOSITES	1	1	S/F	Aero/Astro Enginr'g	3500	3500

CCN: **310-19**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
ACOUSTICS	2	1	S/F/O	Physics	400	400
ATMOSPHER OPT PROP	3	1	S/F	Physics	6000	6000
ELECTRO-OPTICS	4	1	S/F/O	Physics	1500	1500
FEL RESEARCH SIMULATION	3	1		Physics	6000	6000
FIBER OPTIC HYDROPH	4	1	S/F	Physics	5000	5000

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

FLASH X-RAY FACIL	2	1	S/F/O	Physics	2000	2000
INST FAB FACILITY	2	1	O	Physics	4000	4000
IONOSPHERIC PHYSICS	2	1	S/F	Physics	5000	5000
LASER TARGET INTERAC	3	1	S/F	Physics	1500	1500
LINEAR ACCELERATOR	3	1	S/F/O	Physics	8000	8000
NONLINEAR PH RES	4	1	S/F	Physics	4000	4000
NONLINEAR WAVE	3	1	S/F	Physics	6000	6000
PHYSICAL ACOUSTICS	2	1	S/F	Physics	2000	2000
SONAR TRANSDUCER	4	1	S/F	Physics	6000	6000
STUDENT INST MICRO	3	1	S/F	Physics	500	500
THERMOACOUSTICS	2	1	S/F	Physics	3000	3000

CCN: **310-23**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
PRECISION FAB LAB	N/A	1	S/F	Groups	1000	1000
GAS DYNAMICS	3	1	S/F/O	Aero/Astro Enginr'g	3670	3670
PRECISION FAB LAB	N/A	1	O	Academic Groups	2000	2000
PRECISION FAB LAB	N/A	1	S/F	Academic Groups	2040	2040

CCN: **310-33**

Mission Requirements (Cont.)

UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
INFORMATION SYSTEMS	23	1	S	Systems Management	980	980
PARALLEL PROCESSING	8	1	S/F/O	Computer Science	13408	13408
SOFTWARE METRICS	13	1	S/F	Systems Management	4000	4000

CCN: **311-37**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
CALIBRATION FACILITY	6	1	O	Oceanography	2160	2160
NEARSHORE OC	4	1	S.F.O	Oceanography	10500	10500
OCEAN ELECTRONICS	6	1	S/F/O	Oceanography	5100	5100
OCEAN MODELING	6	1	S/F/O	Oceanography	8000	8000
OCEAN TURBULENCE	4	1	S/F/O	Oceanography	11000	11000
OPBL	6	1	S/F/O	Oceanography	3240	3240
POLAR OCEANOGRAPHY	5	1	S/F/O	Oceanography	6980	6980
SHELF PROCESSES	4	1	S/F/O	Oceanography	2820	2820
SHELF PROCESSES	4	1	S/F/O	Oceanography	20000	20000

CCN: **311-10**

Mission Requirements (Cont.)

UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
UAV	4	1	S/F/O	Aero/Astro Enginr'g	3950	3950
WIND TUNNELS	0	1	S/F	Aero/Astro Enginr'g	1450	1450

CCN: **312-25**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
STRUCTURES	4	1	S/F	Aero/Astro Enginr'g	1500	1500
WATER TUNNEL	4	1	S/F	Aero/Astro Enginr'g	1175	1175

CCN: 317-15

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
AUV	4	1	S/F	Mechanical Enginr'g	1920	1920

CCN: **317-20**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
EM PROPAGATION	2	1	S/F	Elec/Cmptr Enginr'g	2500	2500

1. Training Facilities (Cont.)

CCN: **317-25**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
EC4650	25	1	S/F	Groups	2700	2700

CCN: **318-10**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
TURBOPROPULSION	3	1	S/F/O	Aero/Astro Enginr'g	5850	5850

CCN: **318-15**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
ROCKET/RAMJET	3	1	S/F/O	Aero/Astro Enginr'g	5813	5813

CCN: **319-25**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
WARLAB	12	1	S/F	Operations Research	470	470

CCN: **320-10**

Mission Requirements (Cont.)

1. Training Facilities (Cont.)

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
UNDERWATER SHOCK	4	1	S/F	Mechanical Enginring	5000	5000
SOLID MECHANICS	6	1	S/F	Mechanical Enginring	5490	5490
UWATER ACOUS	3	1	S/F/O	Elec/Cmptr Enginr'g	4000	4000

CCN: **321-10**

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
INSTRUMENTATION	4	1	S/O	Mechanical Enginring	50	50
METAL SHOP	N/A	1	O	Aero/Astro Enginr'g	1000	1000
WOOD SHOP	N/A	1	O	Aero/Astro Enginr'g	500	500

CCN: **3xx-xx** (New or relocated laboratories that have not had CCN code assigned yet.)

Type of Training Facility	Capacity for RDT&E Research	Number	RDT&E Research Users	Department Supported	FY93 Requirements (user hours per year)	FY2001 Requirements (user hours per year)
HUMAN SYSTEMS INTEGRATION	8	1	S/F/O	Operations Research	1600	1600
JANUS RESEARCH	4	1	S/F	Mathematics	1600	1600
OPTIMIZATION	8	1	S/F/O	Operations Research	4500	4500
RESRCH COMPUTING	10	1	S/F	Operations Research	7450	7450
SCIEN COMPUTATION	50	1	S/F	Mathematics	10450	10450

Mission Requirements (Cont.) UIC: 62271

1. Training Facilities (Cont.)

SECURE COMPUTER PROCESSING LAB	4	1	S	Elec/Cmptr Enginr'g	120	120
SOLIC LAB	4	1	S/O	Nat'l Security Affairs	8200	8200
SYSTEMS TECHNOLOGY LAB	30	1	S/F	Academic Groups	1180	1180
SYSTEMS TECHNOLOGY LAB	30	1	F	Academic Groups	500	500

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

2. Training Areas. Provide the usage *requirements for RDT&E support* during the fiscal years indicated, for each land and water training area used by the educational institution, formal school, or CAX and in this supporting role; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

NONE

2. Training Areas (Cont.)

Facilities

A. Courses of Instruction and CAXs. Respond to the following nine questions for each educational institution's, formal school's, and CAX's facilities, training areas, airspace, and airfields; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

X	**EDUCATIONAL INSTITUTION:**	Naval Postgraduate School
	FORMAL SCHOOL:	
	CAX	

1. Training Facilities

a. Complete the following tables for all of the educational institution's, formal school's, or CAX's training facilities. The degree of detail used to list the types of training facilities in the succeeding tables should correspond with that used to identify course identifier facility requirements/usage in the Mission Requirements Section of this Data Call. Reproduce the tables at sub-paragraphs 1.f, 1.l, and 1.m so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

1. Training Facilities (Cont.)

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning). **The example provided in bold type illustrates a formal school where its five 10 seat classrooms are closed to training one hour per week for cleaning/maintenance, and are scheduled for classes eight hours per day, five days per week.**

Naval Postgraduate School

Type of Training Facility CCN: 171-10	Design Capacity (PN)[12] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	**276**	**1**	**N**	**48**	**8**	**240**
"	180	2	N	48	8	240
"	134	1	N	48	8	240
"	78	1	N	48	8	240
"	62	3	N	48	8	240
"	60	2	N	48	8	240

[12]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility CCN: 171-10	Design Capacity (PN)[13] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	**54**	**1**	**N**	**48**	**8**	**240**
"	51	1	N	48	8	240
"	48	1	N	48	8	240
"	47	1	N	48	8	240
"	46	1	N	48	8	240
"	45	1	N	48	8	240
"	44	1	N	48	8	240
"	40	1	N	48	8	240
"	39	1	N	48	8	240
"	38	1	N	48	8	240
"	37	1	N	48	8	240
"	36	12	N	48	8	240

[13]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility CCN: 171-10	Design Capacity (PN)[14] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	**35**	**5**	**N**	**48**	**8**	**240**
"	33	8	N	48	8	240
"	32	7	N	48	8	240
"	31	1	N	48	8	240
"	30	12	N	48	8	240
"	29	1	N	48	8	240
"	28	3	N	48	8	240
"	27	2	N	48	8	240
"	26	2	N	48	8	240
"	25	2	N	48	8	240
"	24	1	N	48	8	240
"	22	2	N	48	8	240

[14]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

Type of Training Facility CCN: 171-10	Design Capacity (PN)[15] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	**21**	**5**	**N**	**48**	**8**	**240**
"	20	9	N	48	8	240
"	18	6	N	48	8	240
"	16	2	N	48	8	240
"	15	1	N	48	8	240
"	13	1	N	48	8	240
"	8	3	N	48	8	240
"	6	1	N	48	8	24
Modified Academic Space	**51**	**1**	**N**	**48**	**8**	**240**
"	46	1	N	48	8	240
"	33	1	N	48	8	240
"	27	1	N	48	8	240

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

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1. Training Facilities (Cont.)

Type of Training Facility CCN: 171-10	Design Capacity (PN)[16] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
Modified Academic Space	**55**	**1**	**N**	**48**	**8**	**240**
"	**17**	**1**	**N**	**48**	**8**	**240**
"	**12**	**2**	**N**	**48**	**8**	**240**
"	**11**	**4**	**N**	**48**	**8**	**240**
"	**10**	**1**	**N**	**48**	**8**	**240**
Learning Centers: (Study Carrels)	**1**	**921**	**N**	**48**	**8**	**240**
Offices; Faculty	**1**	**421**	**N**	**48**	**8**	**240**

[16]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

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Type of Training Facility	Design Capacity (PN)[17] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	54	1	N	48	3.5	230
Modified Academic Space:	9	7	N	48	3.5	230
Workbench Lecture Space:						
Space for Hands-on Mockups:						
Learning Center:						

[17]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

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1. Training Facilities (Cont.)

ANSWER: Not Applicable. There are no "partitionable" rooms at NPS.

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities
General Academic Space		**N/A**			

1. Training Facilities (Cont.)

c. CCN: 171-20 (Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

Type of Training Facility CCN: 171-20	Design Capacity (PN) per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:	25	2	N	48	8	240
"	23	1	N	48	8	240
"	20	2	N	48	8	240
"	18	4	N	48	8	240
"	16	2	N	48	8	240
"	15	4	N	48	8	240
"	14	2	N	48	8	240
"	12	11	N	48	8	240
"	11	1	N	48	8	240
"	10	1	N	48	8	240
"	6	2	N	48	8	240
#ME03 CONTROL SYSTEMS[18]	5	1	Y	48	8	240

[18] The remaining entries are all laboratories identified by a lab code and an English name. Each has a unique function in spite of repeated English names. Mechanical Engineering labs with # are currently in use, but will will be turned over to other purposes when the ME department moves to P-139, currently under construction. P-139 labs have "NEW"

1. Training Facilities (Cont.)

#ME06 GAS TURBINE	3	1	Y	48	8	240
#ME08 CAD/CAE	10	1	Y	48	8	240
#ME13 HYDRO/FL MECH	9	1	Y	48	8	240
#ME16 MATERIAL PROC	12	1	Y	48	8	240
#ME17 MECHANICAL TEST	12	1	Y	48	8	240
#ME18_A TE MICROSCOPY	12	1	Y	48	8	240
#ME19 SEM MICROSCOPY	12	1	Y	48	8	240
#ME20 XRAY DIFF MICROSCOPY	12	1	Y	48	8	240
#ME21 OPTICAL MICROSCOPY	12	1	Y	48	8	240
#ME21_C OPTICAL MICROSCOPY	12	1	Y	48	8	240
#ME22 COMPOSITES	12	1	Y	48	8	240
#ME23 CORROSION	12	1	Y	48	8	240
#ME24 MATERIALS SUPP	12	1	Y	48	8	240
#ME24_C MATERIALS SUPP	12	1	Y	48	8	240
#ME24_E MATERIALS SUPP	12	1	Y	48	8	240

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1. Training Facilities (Cont.)

AA02 AVIONICS	12	1	Y	48	8	240
AA03 CONTROLS	20	1	Y	48	8	240
AA08 ADV COMPUTING	6	1	Y	48	8	240
AA10 COMPUTER INST	12	1	Y	48	8	240
AA11 MICROCOMPUTERS	7	1	Y	48	8	240
AA14 LASER DISCHARGE	2	1	Y	48	8	240
AA17 SATELLITE	25	1	Y	48	8	240
AA18 SPACE ATT	10	1	Y	48	8	240
AA21 FATIGUE	20	1	Y	48	8	240
CS01 ACCADEMIC COMPUTING	45	1	Y	48	8	240
CS01_C ACADEMIC COMPUTING	40	1	Y	48	8	240
CS01_E ACADEMIC COMPUTING	40	1	Y	48	8	240
CS02 ARTIFICIAL INT	25	1	Y	48	8	240
CS03 VISUAL DATABASE	10	1	Y	48	8	240
CS03_C VISUAL DATABASE	10	1	Y	48	8	240
CS04 GRAPHICS AND VIDEO	26	1	Y	48	8	240
CS05 SOFTWARE ENGINEERING	15	1	Y	48	8	240

1. Training Facilities (Cont.)

CS05_C SOFTWARE ENGINEERING	15	1	Y	48	8	240
CS06 MICROCOMPUTER	16	1	Y	48	8	240
CS06_C MICROCOMPUTER	16	1	Y	48	8	240
CS07 COMPUTER SYS & SECURITY	15	1	Y	48	8	240
CS08 PARALLEL PROC	10	1	Y	48	8	240
CS08_C PARALLEL PROC	10	1	Y	48	8	240
EC02 ELECT & CIRCTS	33	1	Y	48	8	240
EC03 COMM (TEACHING)	24	1	Y	48	8	240
EC04 OPTICAL ELEX	8	1	Y	48	8	240
EC05 uWAVE/ANTENNAS	24	1	Y	48	8	240
EC05_C uWAVE ANTENNAS	8	1	Y	48	8	240
EC06 IMAGE PROC	7	1	Y	48	8	240
EC07 ACADEMIC COMP	12	1	Y	48	8	240
EC08 PC/CAD	30	1	Y	48	8	240
EC09 VLSI CAE/CAD	10	1	Y	48	8	240
EC10 RADAR SYSTEMS	20	1	Y	48	8	240
EC10_C RADAR SYSTEMS	15	1	Y	48	8	240
EC11 EW SYSTEMS	18	1	Y	48	8	240

1. Training Facilities (Cont.)

EC12 DIGITAL SYSTEMS	12	1	Y	48	8	240
EC12_B DIGITAL SYSTEMS	10	2	Y	48	8	240
EC13 SERVO/CONTROLS	12	1	Y	48	8	240
EC21 SIGNAL ENHANCEMENT	5	1	Y	48	8	240
EC22 POWER ELECTRONICS	20	1	Y	48	8	240
MR01 IDEA	12	1	Y	48	8	240
MR02 SYNOPTIC ANAL & FORCST	18	1	Y	48	8	240
MR02_C SYNOPTIC ANAL & FORCST	18	1	Y	48	8	240
MR03 MARINE ATMOSPHER MEAS	10	1	Y	48	8	240
OC01 COMPUTER GRAPHICS	14	1	Y	48	8	240
OC04 SHIP (UNOLS/NAVO)	8	1	Y	48	8	240
OC16 TACTICAL MICRO	10	1	Y	48	8	240
PH01 ACOUSTICS	10	1	Y	48	8	240
PH01_C ACOUSTICS	10	1	Y	48	8	240
PH01_E ACOUSTICS	10	1	Y	48	8	240
PH04 ELECTRO-OPTICS	10	1	Y	48	8	240
PH04_C ELECTRO-OPTICS	10	1	Y	48	8	240

1. Training Facilities (Cont.)

PH05 COMP AND SIMULATION	10	1	Y	48	8	240
PH07 NUCLEAR PH	10	1	Y	48	8	240
PH14 SPACE PH DATA ANALYSIS	12	1	Y	48	8	240
PH17 LINEAR ACCELERATOR	20	1	Y	48	8	240
PH17_C LINEAR ACCELERATOR	20	1	Y	48	8	240
PH18 FLASH XRAY FACIL	12	1	Y	48	8	240
PH25 STUDENT INST MICRO	5	1	Y	48	8	240
PH26_BCDE INST FAB FACIL	12	4	Y	48	8	240
PH28 APPLIED PHYSICS	12	1	Y	48	8	240
SM01 INFORMATION SYSTEMS	23	1	Y	48	8	240
SM02 SOFTWARE METRICS	13	1	Y	48	8	240
SM03 DECISION SUPPORT	23	1	Y	48	8	240
SM04 MULTIMEDIA	7	1	Y	48	8	240
SP01 SPACECRAFT INTEGRATION & TEST	6	1	Y	48	8	240
SP04_B AIS COMPUTING	6	1	Y	48	8	240

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1. Training Facilities (Cont.)

SP07 SCI COMPUTING	6	1	Y	48	8	240

Facilities UIC: 62271

1. Training Facilities (Cont.)

d. CCN: 171-35 (Operational Trainer)

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[19] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
		N/A				

[19]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

e. CCN: 171-60 (Recruit Processing Facility)

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[20] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
		N/A				

[20]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

f. CCN: 171-25

Type of Training Facility CCN: 171-25	Design Capacity (PN)[21] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
King Hall Auditorium	**1,334**	**1**	**Y**	**48**	**8**	**240**

[21]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

1. Training Facilities (Cont.)

g. CCN: 179-10 (Aircraft Gunnery, Bombing and Rocket Range). Ensure that at the minimum, ranges used for close air support training (CAS), if available, are identified; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[22] per type	Number	Location [23]	Size[24] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[22]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[23]Applies to ranges only; indicate camp or grid coordinate

[24]Applies to ranges only; include range fan

1. Training Facilities (Cont.)

h. CCN: 179-30 (Surface Projectile Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: heavy machine gun, anti-armor, tank/LAV, hand grenade, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[25] per type	Number	Location [26]	Size[27] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[25]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[26]Applies to ranges only; indicate camp or grid coordinate

[27]Applies to ranges only; include range fan

1. Training Facilities (Cont.)

i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[28] per type	Number	Location [29]	Size[30] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[28]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[29]Applies to ranges only; indicate camp or grid coordinate

[30]Applies to ranges only; include range fan

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1. Training Facilities (Cont.)

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[31] per type	Number	Location [32]	Size[33] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[31]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[32]Applies to ranges only; indicate camp or grid coordinate

[33]Applies to ranges only; include range fan

Facilities UIC: 62271

1. Training Facilities (Cont.)

k. CCN: 179-60 (Parade and Drill Field)

ANSWER: Not Applicable.

Type of Training Facility	Design Capacity (PN)[34] per type	Number	Location[35]	Size[36] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[34]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[35]Applies to ranges only; indicate camp or grid coordinate

[36]Applies to ranges only; include range fan

Facilities UIC: 62271

1. Training Facilities (Cont.)

   1. CCN: 179-

ANSWER: Not Applicable. NPS has no CCN 179-xx facilities.

Type of Training Facility	Design Capacity (PN)[37] per type	Number	Location [38]	Size[39] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
		N/A						

[37]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[38]Applies to ranges only; indicate camp or grid coordinate

[39]Applies to ranges only; include range fan

1. Training Facilities (Cont.)

m. CCN:300-XX (Science Labs)[40]

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAILABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
#ME01 INSTRUMENTATION	5	1	Y	48	8	240
#MEO5 WELDING	9	1	Y	48	8	240
#ME11 SOLID MECHANICS	6	1	Y	48	8	240
AA04 FLIGHT SIMULATION	8	1	Y	48	8	240
AA05_B WINDTUNNELS	8	1	Y	48	8	240
AA07 WATER TUNNEL	24	1	Y	48	8	240
AA13 GAS DYNAMICS	8	1	Y	48	8	240
AA15 ROCKET/RAMJET	8	1	Y	48	8	240

[40] Columns for location and size do not apply, and have been deleted. Recurrence of a lab name with A, B, C extensions means that each segment is in a different room. Labs whose code starts with #ME are the Mechanical Engineering labs used in 1993. They will be converted to other uses when P-139 comes on line in early FY 95. The NEW ME labs in P139 are all marked N/A in the hourly columns.

Facilities UIC: 62271

1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAILABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
AA16 TURBOPROPULSION	8	1	Y	48	8	240
AA16_B TURBOPROPULSION	8	1	Y	48	8	240
AA20 COMPOSITES	8	1	Y	48	8	240
AA22 STRUCTURES	20	1	Y	48	8	240
CR01 DOS LRN RES CTR I	20	1	Y	48	8	240
CR02 DOS LRN RES CTR II	33	1	Y	48	8	240
CR03 DOS LRN RES CTR III	7	1	Y	48	8	240
CR04 DOS LRN RES CTR IV	15	1	Y	48	8	240
CR05 DOS LRN RES CTR V	12	1	Y	48	8	240
CR06 MAC LRN RES CTR I	24	1	Y	48	8	240
CR07 HP UNIX RES CTR I	21	1	Y	48	8	240

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1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAIL ABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
EC15 UNDERWATR ACOUSTICS	5	1	Y	48	8	240
EC15_B UNDERWATER ACOUST	5	1	Y	48	8	240
EC24 SECURE COMPUTR PROC	6	1	Y	48	8	240
GR01 SYST TECHNOLOGY	20	1	Y	48	8	240
GR01_B SYST TECHNOLOGY	10	1	Y	48	8	240
GR01_C SYST TECHNOLOGY	30	1	Y	48	8	240
MA01 JANUS RESEARCH	4	1	Y	48	8	240
MA03 SCIENTIFIC COMPUT	18	1	Y	48	8	240
ME04 ELECTRONIC COOLING	NEW	1	Y	N/A	N/A	N/A
ME05 WELDING	NEW	1	Y	N/A	N/A	N/A

Facilities UIC: 62271

1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAIL ABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
ME07 TWO PHASE HEAT XFER	NEW	1	Y	N/A	N/A	N/A
ME10 AUV/DRY	NEW	1	Y	N/A	N/A	N/A
ME11 AUGER SURFACE ANAL	NEW	1	Y	N/A	N/A	N/A
ME12 AUV/WET	12	1	Y	48	8	240
ME13 HYDRODYNAMICS	12	1	Y	48	8	240
ME14 STRUCTURAL DYNAMICS	NEW	1	Y	N/A	N/A	N/A
ME16 MATERIALS PROCESS	NEW	1	Y	N/A	N/A	N/A
ME17 CERAMICS	NEW	1	Y	N/A	N/A	N/A
ME18 TEM MICROSCOPY I	NEW	1	Y	N/A	N/A	N/A
ME18_B DARK ROOM	NEW	1	Y	N/A	N/A	N/A
ME18_C TEM MICROSCOPY II	NEW	1	Y	N/A	N/A	N/A

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1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAIL ABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
ME20 XRAY DIFF MICROSCOP	NEW	1	Y	N/A	N/A	N/A
ME21_B OPTICAL MICROSCOP	NEW	1	Y	N/A	N/A	N/A
ME22 COMPOSITES	NEW	1	Y	N/A	N/A	N/A
ME23 CORROSION	NEW	1	Y	N/A	N/A	N/A
ME24 CREEP TEST	NEW	1	Y	N/A	N/A	N/A
ME25 FLUID MACHINERY	NEW	1	Y	N/A	N/A	N/A
ME26 FLUID MECHANICS I	NEW	1	Y	N/A	N/A	N/A
ME27 FLUID MECHANICS II	NEW	1	Y	N/A	N/A	N/A
ME28 FLUID POWER	NEW	1	Y	N/A	N/A	N/A
ME29 HEAT TREATMENT	NEW	1	Y	N/A	N/A	N/A
ME30 MECHANICAL TESTING	NEW	1	Y	N/A	N/A	N/A

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1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAILABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR	
ME31 METALLURGICAL ETCH	NEW	1	Y	N/A	N/A	N/A	
ME32 METALLURGICAL POLISH	NEW	1	Y	N/A	N/A	N/A	
ME33 METALLURGICAL SECTN	NEW	1	Y	N/A	N/A	N/A	
ME34 PTF DILLITOMETER	NEW	1	Y	N/A	N/A	N/A	
ME35 PTF SHAKER	NEW	1	Y	N/A	N/A	N/A	
ME36 ROBOTICS	NEW	1	Y	N/A	N/A	N/A	
ME37 STUDENT TEACHING	NEW	1	Y	N/A	N/A	N/A	
ME38 TSSE DESIGN	NEW	1	Y	N/A	N/A	N/A	
ME39 WET SAMPLE PREP	NEW	1	Y	N/A	N/A	N/A	
ME40 SOLID MECHANICS	NEW	1	Y	N/A	N/A	N/A	

Facilities UIC: 62271

1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAILABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
ME41 DRY SAMPLE PREP	NEW	1	Y	N/A	N/A	N/A
NS01 DATABASE	7	1	Y	48	N/A	240
OC04_B SHIP (UNOLS/NAVO)	12	1	Y	48	8	240
OC15 CALIBRATION FACIL	8	1	Y	48	8	240
OR02 HUMAN SYSTEMS INTEG	40	1	Y	48	8	240
OR03 OPTIMIZATION	12	1	Y	48	8	240
OR04 WARLAB	24	1	Y	48	8	240
OR05 RESEARCH COMPUTING	10	1	Y	48	8	240
PH01_E ACOUSTICS	10	1	Y	48	8	240
PH08 SONAR TRANSDUCER	12	1	Y	48	8	240
SP04 AIS COMPUTING	10	1	Y	48	8	240

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1. Training Facilities (Cont.)

TYPE OF FACILITY	CAPACITY	NUMBER	UNIQUE?	UNAVAIL ABLE (HRS/YR)	TRAINING HRS/DAY	TRAINING DAYS/YR
SP06 RADIATION EFFECTS	6	1	Y	48	8	240

n. Describe any investment you see that could significantly increase your training capacity; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

ANSWER: MILCON Project P-156 (Academic Building), yet unprogrammed, would significantly increase our training capacity. At a projected cost of $16.4 million dollars, it would add 77,790 square feet of academic space within our academic quad and provide for approximately 100,000 hours per year of additional training hours.

o. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors?

NPS currently utilizes 73 non-laboratory classrooms and 38 centrally scheduled laboratories for regularly scheduled courses. These classrooms and laboratories are used by scheduled sections of courses, and for certain kinds of unscheduled laboratory and problem-solving coursework. NPS lecture course sections meet for an average of four class hours each week. Laboratory courses usually have one to four hours of class per week. Some "lab" courses (e.g.,problem solving sessions) meet in classrooms. In academic year 1993, NPS taught an average of just over 500 course sections per academic quarter. In the summer quarter of 1993, for instance, 513 course segments were scheduled and offered. Of those course segments, 422 segments were scheduled to meet in the 79 classrooms available that quarter. In the summer, 1993 academic quarter, there were 1,974 students enrolled in the School, and there were 1,033 separate schedules for those students. The average non-laboratory classroom had a class meeting in it 21.4 hours per week (422x4/79=21.4). The highest average hours of non-laboratory classroom utilization NPS has attained in recent years was in the second academic quarter of 1990 when there were 1,856 students with 1,051 separate schedules. About 470 segments were scheduled into the 67 classrooms then available. The estimated average hours of classroom utilization was 27 hours per week (470x4/69=27).

1. Training Facilities (Cont.)

The fact that an NPS education is fully-funded lies behind many NPS operating procedures. Most of the cost of officer education is in student salaries, so virtually any measure that will shorten a student's stay is attractive. The imperative to keep time on-board at a minimum for students drives the School's scheduling procedures. "Inefficiencies" in classroom utilization are less important than the imperative to teach what is needed when it is needed. Most universities determine the course schedule first and then ask students to sign up for courses as long as seats in the scheduled courses are available. NPS reverses the procedure by first determining what courses need to be taught, and then developing a feasible schedule. As a result, it is unusual for large blocks of NPS students to all follow the same schedule. With nearly 1,700 students on board in spring quarter 1994, there are 960 different student schedules. The imperative to tailor each student's program makes for a very difficult scheduling problem, and the School pays some price in terms of room utilization. There are also other constraints on scheduling. For instance, every student's schedule must have a place in it every Tuesday afternoon for a possible Superintendent's Guest Lecturer. A few of the other scheduling constraints include:

- No classes begin before 0800 or after 1700.
- No classes are scheduled on Saturday or Sunday.
- Courses are not homogeneous. Some are best taught in two-hour rather than in one-hour time blocks. Some courses require secure classrooms; other courses require seminar rooms; some other courses require laboratory, special equipment, or other assets; etc.
- Students need an hour for lunch sometime between 1100 and 1400. (Sometimes this is not feasible for some students.)
- Many student, faculty and administrative groups require regularly scheduled meetings; these are shown on a later page.
- Classrooms are not homogeneous. Classrooms, for instance, have different seating capacities from one another. Some classrooms are designed and equipped for special purposes, e.g., classrooms can be equipped with special maps or electronics; other classrooms are designed for teaching case study courses.

The standard used in most examples of academic space planning is that universities with programs that are mainly undergraduate should expect to get about 30 hours per week out of a classroom. That kind of utilization is not possible in an all graduate-level school, nor is it possible with the School's current set of constraints on scheduling. (In graduate schools, students' schedules are more tailored to the individual student than is the case in undergraduate schools.) By adopting a more rigid scheduling procedure, however, or by extending operations outside of the usual 40 hours per week standard, room utilization could certainly be increased, but at the cost of, among other

things, students not being able to take courses when they needed to take those courses. This would result in an increase in the average length of time students were at NPS.

The two-person scheduling office at NPS works the last eight weeks of the preceding twelve-week quarter to produce a schedule for one academic quarter. (It is hard for the schedulers to start earlier, as they need to know how many students there will be, which students need which courses, etc.) To say the least, their scheduling tasks are daunting. The challenge of attempting to apply operations analysis methods to solving NPS student scheduling problems has attracted many, even a doctoral student from Stanford University. The student successfully defended his dissertation and received his doctorate from Stanford. His work solves 80 to 90% of the schedulers' tasks. Unfortunately for NPS, those tasks take up only about 5 to 10% of the time required to produce a schedule.

p. In the following table list courses supported by each operational trainer/simulator.

Operational Trainer/Simulator	Courses Supported by CIN
N/A	

2. Training Areas. List all of the educational institution's, formal school's, or CAX's land and water training areas; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[41]	Non-Availability (FY 1993) (Hrs/Yr)
Research Ship *	Berthing Pier	15 day or 12 overnight	60 days
IUSS Array **	Bldg + ocean array	remotely accessed data	Unknown

*Ship operated by a university consortium of which NPS is the major contributor. The ship is stationed on Monterey Bay.
**Acoustic listening array (IUSS Array) at Point Sur has been transfered to NPS.

[41]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

3. Airspace. Define the educational institution's, formal school's, or CAX's airspace.

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency
N/A			

4. Airfields. Complete the following table for each of the educational institution's, formal school's, or CAX's airfields.

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)
N/A		

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P 724-12, Bldg 221 (O3 +)	27	27	0	0	0	0	27	15,000
P 724-12, Bldg 222 (O3 +)	79	79	0	0	0	0	79	45,794

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: Answer: CCN 724-12, BOQ bldgs 221 and 222.

(2) WHAT MAKES IT INADEQUATE? Answer: Both buildings were erected in 1887. Interior configuration, lavatories, and physical condition of building does not meet current adequacy requirements. Seismic upgrading is also required.

(3) WHAT USE IS BEING MADE OF THE FACILITY? Answer: BOQ and office spaces.

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Projects to upgrade both buildings include all spaces in the building, cannot be broken out to reflect only BOQ costs, and are reported elsewhere in this datacall.

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Answer: Office, classroom, conference room spaces.

Facilities UIC: 62271

5. Billeting (Cont.)

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Answer: Projects reported elsewhere.

(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Answer: ~~No.~~ YES

Ben D. Pina

Revised June 7, 1994,LT Ben D. Pina, CEC USN
Field Support Activity, Washington D.C.

5. Billeting (Cont.)

c. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

NOTE: Planned projects to upgrade the electrical, plumbing, and seismic defficiencies for BLdgs 221 and 222 have not been programmed as of FY 97. All information on this page is thus a duplicate of previous page.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P 724-12, Bldg 221 (O3 +)	27	27	0	0	0	0	27	15,000
P 724-12, Bldg 222 (O3 +)	79	79	0	0	0	0	79	45,794

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: Answer: CCN 724-12, BOQ bldgs 221 and 222.

(2) WHAT MAKES IT INADEQUATE? Answer: Both buildings were erected in 1887. Interior configuration, lavatories, and physical condition of building does not meet current adequacy requirements. Seismic upgrading is also required.

(3) WHAT USE IS BEING MADE OF THE FACILITY? Answer: BOQ and office/classroom/conference room spaces.

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Projects to upgrade both buildings include all spaces in the building, cannot be broken out to reflect only BOQ costs, and are reported elsewhere in this datacall.

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Answer: Office, classroom, conference room spaces.

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Answer: Office, classroom, conference room spaces.

(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Answer: ~~No.~~ YES

5. Billeting (Cont.)

e. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P724-12, Bldg 220 (O3 +)	41	41	0	0	41	14,007	0	0
P 721-11, Bldg 259 (E1-E4)	17	13	17	2,619	0	0	0	0
P 721-12, Bldg 259 (E5-E6)	7	6	0	0	0	0	7	1,317
P 721-13, Bldg 205 (E7-E9)	8	8	0	0	0	0	8	3,886

f. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:

Answer: A. P 721-12 BEQ Bldg 259 (E5-E6)
B. P 721-13 BEQ Bldg 259 (E7-E9)

(2) WHAT MAKES IT INADEQUATE?

Answer: A. Bathrooms inadequate
B. Heating system and bathrooms inadequate; fire deterrant system needed.

(3) WHAT USE IS BEING MADE OF THE FACILITY?

Answer: A. BEQ
B. BEQ

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

Answer: A. $606K

5. Billeting (Cont.)

B. $512K

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

Answer: A & B: Office spaces.

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

Answer: A & B: MILCON plans; unprogrammed at this time.

(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? ~~NO~~. YES

Ben D. Pina

Revised June 7, 1994, LT Ben D. Pina, CEC USN
Field Support Activity, Washington DC

5. Billeting (Cont.)

g. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

NOTE: Planned projects to upgrade seismic defficiencies for Bldg 220 and remodel Bldgs 205 and 259 have not been programmed as of FY 97. All information on this page is thus a duplicate of previous page.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P724-12, Bldg 220 (O3 +)	41	41	0	0	41	14,007	0	0
P 721-11, Bldg 259 (E1-E4)	17	13	17	2,619	0	0	0	0
P 721-12, Bldg 259 (E5-E6)	7	6	0	0	0	0	7	1,317
P 721-13, Bldg 205 (E7-E9)	8	8	0	0	0	0	8	3,886

f. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:

Answer: A. P 721-12 BEQ Bldg 259 (E5-E6)
B. P 721-13 BEQ Bldg 259 (E7-E9)

(2) WHAT MAKES IT INADEQUATE?

Answer: A. Bathrooms inadequate
B. Heating system and bathrooms inadequate; fire deterrent system needed.

(3) WHAT USE IS BEING MADE OF THE FACILITY?

Answer: A. BEQ

5. Billeting (Cont.)

B. BEQ

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

Answer: A. $606K

B. $512K

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

Answer: A & B: Office spaces.

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

Answer: A & B: MILCON plans; unprogrammed at this time.

(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Answer: ~~NO~~. YES

Ben D. Pina

Revised June 7, 1994, LT Ben D. Pina, CEC USN
Field Support Activity, Washington DC

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
P 740-60 Bldg 220	50,700	430	50,700	0	0	0	0	385

NOTE: The NPS COMO provides meal service to all officers, enlisted, and civilian personnel assigned to the command. Area tenant command personnel and retirees also use the facility. NPS and tenant command enlisted personnel on Rations-in-Kind are fed from the COMO, as well. Messing of student personnel only cannot be broken out.

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

6. Messing (Cont.)

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

NOTE: No change is projected for the COMO facilities.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
P 740-60 Bldg 220	50,700	430	50,700	0	0	0	0	385

NOTE: The NPS COMO provides meal service to all officers, enlisted, and civilian personnel assigned to the command. Area tenant command personnel and retirees also use the facility. NPS and tenant command enlisted personnel on Rations-in-Kind are fed from the COMO, as well. Messing of student personnel only cannot be broken out.

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?

6. Messing (Cont.)

M-F Breakfast: 0645-0800 Lunch: 1045-1315 Dinner: 1700-2030
Sat Brunch: 0800-1200 Dinner 1700-2030
Sun Brunch: 1000-1400 Dinner 1700-2030

f. What is the average time per person spent in the facility (from arrival to departure) per meal? 35 Minutes

6. Messing (Cont.)

g. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
P 740-60 Bldg 220	50,700	430	50,700	0	0	0	0	385

NOTE: The NPS COMO provides meal service to all officers, enlisted, and civilian personnel assigned to the command. Area tenant command personnel and retirees also use the facility. NPS and tenant command enlisted personnel on Rations-in-Kind are fed from the COMO, as well. Messing of permanent party personnel only cannot be broken out. The newly completed Enlisted Club provides no messing services.

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

6. Messing (Cont.)

i. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

NOTE: No change is projected for the COMO facilities.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
P 740-60 Bldg 220	50,700	430	50,700	0	0	0	0	385

NOTE: The NPS COMO provides meal service to all officers, enlisted, and civilian personnel assigned to the command. Area tenant command personnel and retirees also use the facility. NPS and tenant command enlisted personnel on Rations-in-Kind are fed from the COMO, as well. Messing of permanent party personnel only cannot be broken out. The newly completed Enlisted Club provides no messing services.

j. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

6. Messing (Cont.)

k. What are your normal hours of operation in the facilities listed above for each meal for permanent/support personnel?

M-F Breakfast: 0645-0800 Lunch: 1045-1315 Dinner: 1700-2030
Sat Brunch: 0800-1200 Dinner 1700-2030
Sun Brunch: 1000-1400 Dinner 1700-2030

l. What is the average time per person spent in the facility (from arrival to departure) per meal? 35 Minutes

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table allotted/dedicated for use by each educational institution, formal school, or CAX, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares	-	SF	-	-	-	-
214-xx	-Tank,Automotive	2 Years	"	8,240	-	-	8,240
215-xx	Small Arms Shop	-	"	-	-	-	-
216-xx	Maintenance- Ammo,Explo,Tox	-	"	-	-	-	-
217-xx	-Elec & Comm Equipment	-	"	-	-	-	-
218-xx	-Misc Procured items & equipment	-	"	-	-	-	-
219-xx	-Installation Repair & Operation	2 Years	"	33,600	-	-	33,600
421-xx	Ammo Storage-Installation	-	"	-	-	-	-
441-xx	General Supply Storage -Covered	24 Years	"	17,207	-	852	18,059
451-xx	General Supply Storage -Open	-	"	-	-	-	-
xxx-xx	Other	-		-	-	-	-
Total	xxxxxx	xxx	xxx	59,047 Total SF	- Total SF	852 Total SF	59,899 Total SF
411-xx	Liquid Storage Bulk	-	BL	-	-	-	-

Facilities UIC: 62271

7. Maintenance and Storage Facilities (Cont.)

b. Complete the following table for current and projected future requirements in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares	-	-	-	-	-	N/A
214-xx	-Tank,Automotive	8,240	8,240	8,240	8,240	8,240	N/A
215-xx	Small Arms Shop	-	-	-	-	-	N/A
216-xx	Maintenance- Ammo,Explo,Tox	-	-	-	-	-	N/A
217-xx	-Elec & Comm Equipment	-	-	-	-	-	N/A
218-xx	-Misc Procured items & equipment	-	-	-	-	-	N/A
219-xx	-Installation Repair & Operation	33,600	33,600	33,600	33,600	33,600	N/A
421-xx	Ammo Storage-Installation	-	-	-	-	-	N/A
441-xx	General Supply Storage -Covered	18,059	18,059	18,059	18,059	18.059	N/A
451-xx	General supply Storage Open	-	-	-	-	-	N/A
xxx-xx	Other	-	-	-	-	-	N/A
Total	xxxxxxxxxxxxxxxxxxxxxx	59,899	59,899	59,899	59,899	59,899	N/A
411-xx	Liquid storage Bulk	-	-	-	-	-	N/A

NOTE: Because of a recent inter-service support agreement (ISSA), NPS will assume all Public Works (PW) functions in support of the Defense Language Institute (DLI) and its Annex area (the Fort Ord housing enclave). The NPS PW organization will double in size; however, the increased facility requirements will be met by utilizing existing Army (DLI/Fort Ord) facility assets. This NPS/DLI ISSA was recommended by the BRAC 93 Commission, and has proven a cost effective initiative.

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	68	17,029	74,609	800	92,438
Automated data processing installation	610-20	26	31,866	4,469	-	36,335
Legal services	610-40	-	-	-	-	-
TOTAL	NA	NA	48,895	79,078	800	128,773

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	92,438	92,438	92,438	92,438	92,438	N/A
610-20	Automatic data processing installation	36,335	36,335	36,335	36,335	36,335	N/A
610-40	Legal Services	-	-	-	-	-	N/A

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

The main library collections at NPS are in the Dudley Knox Library, Bldg. 339. Departmental collections of books and journals which contain materials directly supporting the curriculum of the department are also housed in many academic departments. In addition, many faculty members maintain individual collections of books and journals relating to their areas of research interest, which they circulate to students conducting research for their theses. This decentralized location of scholarly books is typical of most universities.

Dudley Knox Library, Bldg. 339

a. Provide the number of volumes maintained: 300,000 hardcopy, 900,000 microfiche, 1500 periodical subscriptions.

b. Provide the total seating capacity: 300

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	49,255
Stack Area	41,084
Film/Videotape Storage	3,750
Film/Video Viewing Room	400
Staff Area	7,976
Classified Material Storage	2,256
Total:	104,991

9. Library (Cont.)

W. R. Church Computer Center, Ingersoll

a. Provide the number of volumes maintained: 4,000 hardcopy, 7000 unbound journals

b. Provide the total seating capacity: 20

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	396
Stack Area	* 156
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	0
Classified Material Storage	0
Total:	552

*Plus shelving around perimeter of room.

National Security Affairs, Glasgow

a. Provide the number of volumes maintained: 3,000 hardcopy, 7500 unbound journals and leaflets

b. Provide the total seating capacity: 14

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	213
Stack Area	* 0
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	0
Classified Material Storage	0
Total:	213

*Shelving around perimeter of room

9. Library (Cont.)

Mathematics Department, Glasgow

a. Provide the number of volumes maintained: 3500 hardcopy, 6000 unbound journals

b. Provide the total seating capacity: 32

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	632
Stack Area	* 0
Film/Videotape Storage	0
Film/Video Viewing Room	** 0
Staff Area	0
Classified Material Storage	0
Total:	632

*Shelving around perimeter of room ** Integrated with reading area

Systems Management Department, Ingersoll

a. Provide the number of volumes maintained: 2800

b. Provide the total seating capacity: 35

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	250
Stack Area	150
Film/Videotape Storage	150
Film/Video Viewing Room	* 0
Staff Area	0
Classified Material Storage	30
Total:	580

*Integrated with reading area

9. Library (Cont.)

Electrical and Computer Engineering, Spanagal

a. Provide the number of volumes maintained: 1800

b. Provide the total seating capacity: 14

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	615
Stack Area	*30
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	0
Classified Material Storage	0
Total:	645

*Plus shelving around perimeter of room.

9. Library (Cont.)

Meteorology Department, Root Hall

a. Provide the number of volumes maintained: 1,000

b. Provide the total seating capacity: 3

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	100
Stack Area	400
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	100
Classified Material Storage	0
Total:	600

Physics Dept, Spanagal

a. Provide the number of volumes maintained: 900 hardcopy, 6000 unbound journals

b. Provide the total seating capacity: 8

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	0
Stack Area	486
Film/Videotape Storage	54
Film/Video Viewing Room	200
Staff Area	0
Classified Material Storage	0
Total:	740

Operations Research Department, Glasgow

a. Provide the number of volumes maintained: 700 hardcopy, 3000 unbound journals

b. Provide the total seating capacity: 8

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	194
Stack Area	*0
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	0
Classified Material Storage	0
Total:	194

*Shelving around perimeter of room.

Secure Compartmented Information Facility

a. Provide the number of volumes maintained: 700

b. Provide the total seating capacity: 42

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	600
Stack Area	*0
Film/Videotape Storage	*0
Film/Video Viewing Room	*0
Staff Area	*0
Classified Material Storage	*0
Total:	600

*Incorporated in reading area.

9. Library (Cont.)

Computer Science Department

a. Provide the number of volumes maintained: 500

b. Provide the total seating capacity: 18

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	400
Stack Area	28
Film/Videotape Storage	0
Film/Video Viewing Room	*0
Staff Area	120
Classified Material Storage	0
Total:	548

*Incorporated in reading area.

Mechanical Engineering Department, Halligan

a. Provide the number of volumes maintained: 450

b. Provide the total seating capacity: 13

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	325
Stack Area	*0
Film/Videotape Storage	0
Film/Video Viewing Room	**0
Staff Area	0
Classified Material Storage	0
Total:	325

*Shelving around perimeter of room. **Incorporated in reading area.

9. Library (Cont.)

Undersea Warfare; Electronic Warfare; Command, Control, Communications

a. Provide the number of volumes maintained: 200

b. Provide the total seating capacity: 18

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	347
Stack Area	*0
Film/Videotape Storage	0
Film/Video Viewing Room	**0
Staff Area	0
Classified Material Storage	0
Total:	347

*Shelving around perimeter of room. **Incorporated in reading area.

Defense Resources Management Institute (DRMI)

a. Provide the number of volumes maintained: 1900 hardcopy, 1600 unbound journals

b. Provide the total seating capacity: 4

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	20
Stack Area	*186
Film/Videotape Storage	0
Film/Video Viewing Room	0
Staff Area	0
Classified Material Storage	0
Total:	206

*Includes 66 sq. ft. of bookcases in the hall outside the library

Approximately 150 faculty maintain collections for student thesis use. Figures for these collections and areas are combined.

a. Provide the number of volumes maintained: 3000

b. Provide the total seating capacity: 150

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	
Stack Area	10,500
Film/Videotape Storage	
Film/Video Viewing Room	
Staff Area	
Classified Material Storage	
Total:	10,500

10. Computer Center

a. workstation capacity

computerized classrooms	34 HP + 27 Mac + 29 DOS + 8 other = 98
open access areas	19 term + 35 DOS + 41 Sun + 9 other = 104

b. file space (Gbytes)

open workstation files	66
user online disk	186
automatic tape	1060
Cray online disk	50

c. tape storage (number)

operator mounted	22,000
automatic library	12,000

d. total system active users

workstations	540
Cray	150
Amdahl	1100

e. total CPU hours

workstation	10502
Cray	3220
Amdahl	610

f. daily LAN system connections 2435

Facilities

UIC: 62271

9. Computer Center (Cont.)

Computer Center Spaces	Square Footage
Main Computer	5000
Hardware Support	3125
Computerized Classrooms	3930
Open Terminal/Workstation	4400
Total	16,455

B. Other Training Center/School Facilities. Respond to the following nine questions regarding all other facilities, training areas, airspace, and airfields *not included* in response to questions in Facilities Section A.

1. Training Facilities

a. By Facility CCN, complete the following table *for all facilities not reported in Facilities Section A* in which training is conducted. Create additional tables so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. For CCN 171-20, indicate general or specialized instruction facilities. Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

ANSWER: There are no facilities that fall in to this category; already accounted for in Facilities Section A.

Facilities UIC: 62271

1. Training Facilities (Cont.)

b. CCN: 171-10

Type of Training Facility	Design Capacity (PN)[41] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
	N/A					

41 Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

c. CCN: 171-20

Type of Training Facility	Design Capacity (PN)[42] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:	N/A					
Special						

42

Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

d. CCN: 171-35

Type of Training Facility	Design Capacity (PN)[43] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
	N/A					

43

Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

e. CCN: 171-

Type of Training Facility	Design Capacity (PN)[44] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
	N/A					

44 Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities UIC: 62271

1. Training Facilities (Cont.)

f. CCN: 179-30

Type of Training Facility	Design Capacity (PN)[45] per type	Number	Location [46]	Size[47] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
	N/A							

45

Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

46

Applies to ranges only; indicate camp or grid coordinate

47

Applies to ranges only; include range fan

1. Training Facilities (Cont.)

g. CCN: 179-

Type of Training Facility	Design Capacity (PN)[48] per type	Number	Location [49]	Size[50] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
	N/A							

48

Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

49

Applies to ranges only; indicate camp or grid coordinate

50

Applies to ranges only; include range fan

Facilities

UIC: 62271

1. Training Facilities (Cont.)

h. CCN:

Type of Training Facility	Design Capacity (PN)[51] per type	Number	Location [52]	Size[53] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
	N/A							

51

Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

52

Applies to ranges only; indicate camp or grid coordinate

53

Applies to ranges only; include range fan

1. Training Facilities (Cont.)

i. Describe any investment you see that could significantly increase your capacity to accomplish the training mission; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

N/A

j. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors?

N/A

2. Training Areas

a. List all of the Training Center's/School's land and water *training areas not previously reported in Facilities Section A*; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[54]	Non-Availability (FY 1993) (Hrs/Yr)
N/A			

54

Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

3. Airspace. Define the Training Center's/School 's *airspace not previously reported in Facilities Section A.*

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency
N/A			

4. Airfields. Complete the following table for each of the Training Center's/School's airfields *not previously reported in Facilities Section A*.

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)
N/A		

4. Airfields (Cont.)

5. Billeting

a. Provide data on the Training Center's/School's BOQs and BEQs *currently allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX* (not reported in Facilities Section A). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

NOTE: This chart is a breakout of BEQ rooms provided to tenant command enlisted personnel.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P 721-11, Bldg 259 (E1-E4)	17	12	12	3,702	0	0	0	0
P 721-12, Bldg 259 (E5-E6)	5	4	0	0	0	0	5	552

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: Answer: P 721-12, BEQ Bldg 259, (E5-E6)
(2) WHAT MAKES IT INADEQUATE? Answer: Bathrooms inadequate.
(3) WHAT USE IS BEING MADE OF THE FACILITY? Answer: BEQ.
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Answer: Cost is included with figures provided in Section A.
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Answer: Office spaces.
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Answer: See information provided in Section A.
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Answer: NO.

4. Airfields (Cont.)

c. Provide data on the BOQs and BEQs *projected to be allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX in FY 1997* (not reported in Facilities Section A). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

NOTE: No change is projected to the BEQ facilities tenant command usage, thus information below is same as previous page.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
P 721-11, Bldg 259 (E1-E4)	17	12	12	3,702	0	0	0	0
P 721-12, Bldg 259 (E5-E6)	5	4	0	0	0	0	5	552

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: Answer: P 721-12, BEQ Bldg 259, (E5-E6)
(2) WHAT MAKES IT INADEQUATE? Answer: Bathrooms inadequate.
(3) WHAT USE IS BEING MADE OF THE FACILITY? Answer: BEQ.
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Answer: Cost is included with figures provided in Section A.
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Answer: Office spaces.
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Answer: See information provided in Section A.
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Answer: NO.

6. Messing

a. Provide data on the Training Center's/School's messing facilities *currently allotted* to feed permanent/support personnel *not assigned to an educational institution, formal school, or CAX* (not reported in Facilities Section A).

NOTE: There is no way to break out the figures requested. Information is included in Facilities Section A.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

6. Messing (Cont.)

c. Provide data on the Training Center's/School's messing facilities *projected to be allotted* to feed permanent/support personnel *not assigned to an educational institution, formal school, or CAX in FY 1997* (not reported in Facilities Section A).

NOTE: There is no way to break out the figures requested. Information is included in Facilities Section A.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: N/A
(2) WHAT MAKES IT INADEQUATE? N/A
(3) WHAT USE IS BEING MADE OF THE FACILITY? N/A
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

e. What are the normal hours of operation in the facilities listed above for each meal ?
f. What is the average time per person spent in the facility (from arrival to departure) per meal?

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table which exists at the Training Center/School and *not previously reported in Facilities Section A*, indicate the average age of the facilities and provide the amount of space available.

N/A

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares		SF				
214-xx	-Tank,Automotive		"				
215-xx	Small Arms Shop		"				
216-xx	Maintenance- Ammo,Explo,Tox		"				
217-xx	-Elec & Comm Equipment		"				
218-xx	-Misc Procured items & equipment		"				
219-xx	-Installation Repair & Operation		"				
421-xx	Ammo Storage-Installation		"				
441-xx	General Supply Storage -Covered		"				
451-xx	General Supply Storage -Open		"				
xxx-xx	Other						
Total	xxxxxx	xxx	xxx	Total SF	Total SF	Total SF	Total SF
411-xx	Liquid Storage Bulk		BL				

7. Maintenance and Storage Facilities (Cont.)

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

N/A

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment						
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered						
451-xx	General supply Storage Open						
xxx-xx	Other						
Total	xxxxxxxxxxxxxxxxxxxxxx						
411-xx	Liquid storage Bulk						

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of Training Center/School facilities designated or used for administrative purposes and *not previously reported in Facilities Section A*.

N/A

Building type	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10					
Automatic data processing installation	610-20					
Legal services	610-40					
TOTAL	NA	NA				
MEF/MEB/MEU Headquarters	610-xx					
Regiment/Group Headquarters	610-71					
Battalion[55]/Squadron Headquarters	610-72					
TOTAL	NA	NA				

55 Include company/battery administrative spaces

8. Administrative Spaces (Cont.)

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

N/A

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office						
610-20	Automatic data processing installation						
610-40	Legal Services						
610-xx	MEF/MEB/MEU Headquarters						
610-71	Regiment/Group Headquarters						
610-72	Battalion/Squadron Headquarters						

9. Library. For each facility *not reported in Facilities Section A*, respond to the following three questions. Include MWR/on base recreational libraries not listed in reply to Facilities question A.9.

N/A

a. Provide the number of volumes maintained:

b. Provide the total seating capacity:

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	
Stack Area	
Film/Videotape Storage	
Film/Video Viewing Room	
Staff Area	
Classified Material Storage	
Total:	

Features and Capabilities

A. Expansion[56]

1. Assuming that the Training Center/School is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the *present* physical plant, facilities etc., **what additional FMF units by type could be assigned?** Provide details and assumptions for all calculations.

N/A

[56]Applies to Marine Corps Air Ground Combat Center only

Features and Capabilities UIC: 62271

A. Expansion (Cont.)

2. Assuming that additional MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

3. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. **cannot overcome** (e.g., environmental restrictions, land areas, scheduling conflicts).

N/A

1. Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

T. A. MERCER
NAME (Please type or print)

T A Mercer
Signature

Superintendent
Title

3 JUNE 1994
Date

Naval Postgraduate School
Monterey, CA
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

ROBERT W. THORNETT
NAME (Please type or print)

Signature

Director
Title

7 June 1994
Date

Field Support Activity
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

R. R. SAREERAM
NAME (Please type or print)

Signature

ACTING
Title

15 JUN 1994
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NAME (Please type or print)	Signature
Title	Date
Division	
Department	
Activity	

BRAC - 95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained here is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

THOMAS A. MERCER
NAME (Please type or print)

Thomas A. Mercer
Signature

SUPERINTENDENT
Title

10/11/94
Date

NAVAL POSTGRADUATE SCHOOL
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

Mr. Robert W. Thornett
NAME (Please type or print)

Signature

Director
Title

10/14/94
Date

Field Support Activity
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

10/19/94
Date