

Canc: September 2015
MECHENGRNOTE 5400
February 25, 2016

MECHENGRDEPT NOTICE 5400

From: Chairman, Mechanical Engineering Department

Subj: PROMULGATION OF APPOINTMENTS IN MECHANICAL ENGINEERING

Ref: (a) MECHENGRDEPTINST 5400.1
(b) MECHENGRDEPTINST 1531.16D

1. Purpose.

- a. To announce the appointments of Associate Chair, Executive Assistant, and membership and chairs of standing committees, and special assignments for the spring semester of the academic year 2015-16 within the Mechanical Engineering Department.

2. Background.

- a. Reference (a) promulgates the organizational structure of the Mechanical Engineering Department. In the organization, the department Chairman exercises control of department functions through an Associate Chair, Executive Assistant, a Senior Academic Advisor, various committees, and special assignments.
- b. Appointments of faculty members to collateral duties with the Division of Engineering and Weapons, for the Faculty Senate, and as representatives to intercollegiate sports teams are published elsewhere.

3. Mechanical Engineering Department Appointments.

a. Appointed Positions.

(1) Associate Chair

CDR Stu Blair

(2) Executive Assistant

LT Kevin Burnett

(3) Department Comptroller

LCDR Lori Goodenough

(4) Mechanical Engineering Program Director

Professor Michelle Koul

(5) Mechanical Engineering Senior Academic Advisor

Associate Professor John Burkhardt

(6) Nuclear Engineering Program Director

Professor Mark Murray

(7) Nuclear Engineering Senior Academic Advisor

Professor Mark Murray

(8) General Engineering Program Director

Professor Rick Link

(9) General Engineering Senior Academic Advisor

Associate Professor Joel Schubbe

b. Standing Committees Professional.

(1) Civilian Faculty Mentor & Teaching Performance Review Committee

Professor Keith Lindler (Chairman)

Professor Pat Moran

Professor Steve Miner

Professor Len Hamilton

(2) Merit Pay Committee

Professor Steve Miner (Chairman)

Professor Pat Moran

CAPT Matt Carr

Professor Karen Flack

(3) Midshipman – Faculty Relations Committee

LT Andrew Mueller (Chairman)

Assistant Professor Emily Huskins – EME Representative

Assistant Professor Samar Malek – EME Representative

CDR Nicole Treeman – ENR Representative

LT Matt Bornemeier – ENR Representative

LCDR Jennifer Stimson – EGE Representative

LT Bryan Beyer – EGE Representative

LT Andrew Mueller – MEMAC Representative

LCDR Cristopher Neish – MEMAC Representative

(4) Faculty Affairs Committee

Professor Keith Lindler (Chair)
All Full Professors
CAPT Matt Carr (Senior PMP)

(5) Curriculum Committee

Associate Professor Josh Radice (Chair)
Associate Professor Patrick Caton – Fluids/Thermo Representative
Associate Professor Peter Joyce – Mechanics/Materials Representative
LCDR Ethan Lust – Design Representative
Professor Michelle Koul – EME Program Director
Professor Rick Link – EGE Program Director
Professor Mark Murray – ENR Program Director

(6) Program Assessment Committee

Associate Professor Andrew Smith (Chairman)
LCDR Lori Goodenough – EME Assessment Coordinator
Professor Len Hamilton – EGE Assessment Coordinator
CDR Brad Baker – ENR Assessment Coordinator

c. Assignment Related to Committees.

(1) American Society of Mechanical Engineering (ASME)

Faculty Advisor/Officer Rep: CDR Nicole Treeman

(2) Pi Tau Sigma

Faculty Advisor: Professor Mark Murray
Officer Rep: LCDR Lori Goodenough

(3) Society of Automotive Engineers (SAE)

Faculty Advisor: Professor Len Hamilton

(4) American Nuclear Society (ANS)

Faculty Advisor: Assistant Professor Marshall Millett
Officer Rep: CDR Matt Schell

(5) Design Coordinator

LCDR Ethan Lust

- (6) Department Lab Managers within Functional Lab Groups
 - Professor Ralph Volino (Fluids)
 - CDR Brad Baker (Materials)
 - Professor Jim Cowart (Propulsion)
 - Professor Colin Ratcliffe (Computer Service Branch)
 - Assistant Professor Marshall Millett (Nucleonics Lab)

- (7) Fundamentals of Engineering Exam Coordinator/EM380 Coordinator
 - LCDR Crystine Good

- (8) Librarian/Educational Materials
 - Mr. Marcus Fleming

- (9) Department Library Liaison & Conference Room Librarian
 - Professor Jim Cowart

- (10) Department Safety Training Manager
 - LCDR Jase Wisdom

- (11) Honor Representative
 - Associate Professor Cody Brownell

- (12) Security Manager
 - LCDR Jase Wisdom

- (13) Social Committee
 - LCDR Jennifer Stimson (Chair)
 - LT Kevin Burnett
 - LT Richard Forney
 - LT Matt Bornemeier

- (14) Summer Intern Program/Bowman Scholar Program
 - CDR Linda Craugh

- (15) Summer Seminar Coordinator
 - LCDR Ethan Lust

(16) Department Graduate Programs Advisor

Associate Professor John Burkhardt – EME
Professor Mark Murray – ENR
Associate Professor Joel Schubbe – EGE

(17) Plebe Parent's Weekend Display Coordinator

LCDR Crystine Good

(18) Summer EM300 Coordinator

LT Richard Forney

(19) Department Webmaster

Assistant Professor Ron Warzoha

(20) Summer EM232 Coordinator

LCDR Jase Wisdom

(21) Midshipman Research Project Course Coordinator

Professor Marty Cerza

(22) Writing Center Representative

Associate Professor Joel Schubbe

(23) SAPR Representative

Professor Michelle Koul

d. Course Directors.

Courses

EM211 Statics
EM215 Intro to Mechanical Engineering
EM217 Strength of Materials
EM232 Dynamics
EM300 Principles of Propulsion
EM313 Materials Science
EM316 Thermo-Fluid Sciences I
EM317 Thermo-Fluid Sciences II
EM319 Engineering Thermodynamics
EM320 Applied Thermodynamics
EM324 Fluid Dynamics

Course Directors

ASSOC PROF J. BURKHARDT
PROF J. COWART
ASSOC PROF P. JOYCE
ASSOC PROF J. RADICE
CDR S. BLAIR
ASSOC PROF J. SCHUBBE
ASSOC PROF C. BROWNELL
ASST PROF R. WARZOHA
ASSOC PROF P. CATON
PROF R. VOLINO
ASSOC PROF L. LUZNIK

EM371 Introduction to Design	PROF S. GRAHAM
EM375 Mechanical Engineering Experimentation	PROF C. RATCLIFFE
EM415 Heat Transfer	ASSOC PROF A. SMITH
EM420 Project Management Mech Eng	LCDR C. NEISH
EM423 Mechanical Vibrations	PROF C. RATCLIFFE
EM424 Analytical Methods in Mechanics	ASSOC PROF J. BURKHARDT
EM433 Computer-Aided Manufacturing	PROF R. LINK
EM441 Directed Energy	ASSOC PROF C. BROWNELL
EM443 Energy Conversion	CAPT M. CARR
EM444 Solar Engineering	PROF K. LINDLER
EM447 Wind and Tidal Energy	PROF K. FLACK
EM451 Design of Robotic Elements	PROF S. GRAHAM
EM452 Engineering Materials	PROF P. MORAN
EM453 Materials: Processing and Fabrication	PROF A. MORAN
EM456 Corrosion and Corrosion Control	PROF M. KOUL
EM458 Failure Analysis	ASSOC PROF J. SCHUBBE
EM461 Engines: Principles, Design and Applications	PROF J. COWART
EM474 Gas Turbines: Design and Analysis	PROF M. CERZA
EM485F Energy Analysis, Policy and Security	ASSOC PROF P. CATON
EM486A Energy Leadership	LCDR C. NEISH
EM486B Fluid Flow in Biology and the Environment	ASSOC PROF C. BROWNELL
EM486H Waste-to-Energy Conversion	ASSOC PROF P. CATON
ER301 Fundamentals of Nuclear Engineering	PROF M. MURRAY
ER313 Nuclear Material Science	CDR B. BAKER
ER362 Reactor Physics	ASSIST PROF M. MILLETT
ER371 Nuclear Plant Design	CDR S. BLAIR
ER463 Radiation Engineering	CDR B. BAKER
ER468 Nuclear Plant Engineering	CDR S. BLAIR
ER486A Nuclear Weapons Effects	MAJ J. BEST
EX485F Interdisciplinary Capstone Design I (FSAE)	PROF L. HAMILTON
EX485M Interdisciplinary Capstone Design I	LCDR E. LUST
EX486B Design of Modern Weapons	CDR K. CONLEY
EX486F Interdisciplinary Capstone Design II (FSAE)	PROF L. HAMILTON
EX486M Interdisciplinary Capstone Design II	LCDR E. LUST

4. Action.

Faculty members are requested to become familiar with the duties, responsibilities, and authority of their appointments.

- a. Faculty members are requested to review reference (a), department organization and the other department instructions in order to promote a more thorough understanding of the department organization and the responsibilities of the individuals who comprise the organization.



Karen A. Flack

Distribution(Electronically)
 Division Director
 Senior Professor
 Mechanical Engineering Faculty