

MECHENGRDEPT NOTICE 5400

From: Chair, 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 within the Mechanical Engineering Department.

2. Background.

- a. Reference (a) promulgates the organizational structure of the Mechanical Engineering Department. In the organization, the department Chair exercises control of department functions through an Associate Chair, Executive Assistant, a Senior Academic Advisor, various committees, and special assignments.

3. Mechanical Engineering Department Appointments.

a. Appointed Positions.

Position	Name	Held Since
Chair	Andrew Smith	AY23
Associate Chair	CDR Brian Earp	AY22
Executive Assistant	LCDR Andria Jones	
Department Comptroller	Assoc Prof Steve McHale	
Mechanical Engineering Program Director	Prof John Burkhardt	
Mechanical Engineering Senior Academic Advisor	Prof Ralph Volino	AY20
Nuclear Engineering Program Director	Prof Mark Murray	
Nuclear Engineering Senior	Prof Mark Murray	

Academic Advisor		
General Engineering Program Director	Prof Josh Radice	AY23
General Engineering Senior Academic Advisor	Prof Josh Radice	AY23
Capstone Director	Prof Joel Schubbe	
Capstone Coordinator	Assoc Prof Marshall Millett	AY23

b. Standing Committees Professional.

(1) Civilian Faculty P&T Mentoring Committee

Prof Keith Lindler (Chair)	
Prof Steve Graham	AY23
Prof Michelle Koul	AY23
Prof Andrew Smith	AY23

(2) Faculty Performance Evaluation Committee (ad hoc)

(3) Midshipman – Faculty Relations Committee (MIDFAC)

Asst Prof Ethan Lust (Chair)	AY23
LT Jeff Matcham	
Assoc Prof Samar Malek (EME)	AY21
CAPT Stu Blair (ENR)	
CDR Brian Earp	
LCDR Nathan Greenwood	AY21

Assoc Prof Emily Retzlaff (EME)	AY20
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(4) Faculty Affairs Committee

Prof Steve Graham (Chair)	AY23
CAPT Brad Baker (Senior PMP)	
All Full Profs	

(5) Curriculum Committee

Assoc Prof Emily Retzlaff	AY23
Associate Chair	
Assessment Committee Chair	
Capstone Director (Design)	
EME Program Director	
EGE Program Director	
ENR Program Director	
Prof Cody Brownell (Thermal Fluids)	
Prof Peter Joyce (Mechanics/Materials)	

(6) Assessment Committee

Assoc Prof Stephen McHale	AY23
Prof Len Hamilton (EGE)	AY18
CDR Brian Earp (ENR)	
CDR Angel Rodriguez (EME)	
Capstone Coordinator	
Prof Andrew Smith - ABET Coordinator	

(7) Department Lab Managers and Functional Lab Group Directors

Fluids Lab Group	Assoc Prof Joe Milluzo	
Structures and Material Lab Group	Prof Peter Joyce	AY22
Propulsion Lab Group	Prof Jim Cowart	
Computing Service Branch	CAPT Scott Drayton	
Nucleonics Lab Manager	Assoc Prof Marshall Millett	AY14
Project Support Branch Lab Director	Prof Len Hamilton	AY21

c. Other Assignments.

ASME Faculty Advisor	Assoc Prof Emily Retzlaff	AY23
Pi Tau Sigma Faculty Advisor	Prof Mark Murray	
Pi Tau Sigma Officer Rep	LCDR Nathan Greenwood	AY21
Society of Automotive Engineers (SAE) Faculty Advisor	Prof Jim Cowart	
ANS Faculty Advisor	Assoc Prof Marshall Millett	
ANS Officer Rep	LT Zac Ceroli	AY23
FE Review EM380 Coordinator	LCDR John Joyce	AY21
Library Liaison Representative	LT Zac Ceroli	AY23
Safety Training and Security Manager	LT Colten Lybbert	
Honor Representative	LCDR Joey Latta	AY23
Awards Coordinator	Assoc Prof Samar Malek	AY23
Social Committee - Chair	Prof Josh Radice	AY23
Social Committee - Civilian Rep	Asst Prof Ethan Lust	AY23
Social Committee - Military Rep	Capt Luke Welch	AY23
Internship Coordinator	Prof Luksa Luznik	AY23
Plebe Parents Weekend Display Coordinator	LT Parker	
Summer EM300 Coordinator	LT Jeff Matcham	
Summer EM232 Coordinator	LCDR Andria Jones	
EME Summer Seminar Coor.	LCDR Nathan Greenwood	

ENR Summer Seminar Coor.	CAPT Stu Blair	
Independent Research Projects Coordinator EM495/496	Prof Peter Joyce	
Peer Observation Program Coordinator	Prof Luksa Luznik	AY23
Department IT Representative	Prof Peter Joyce	
DTS Authorizing Official (Pri)	LCDR Nathan Greenwood	AY21
DTS Authorizing Official (Backup)	CDR Brian Earp	AY22

d. Course Directors.
Courses

Course	Course Director	Held Since
EM211 Statics	Prof John Burkhardt	AY01
EM215 Intro to Mechanical Engineering	Prof Jim Cowart	
EM217 Strength of Materials	Assoc Prof Samar Malek	AY19
EM221 Mechanics for Nuclear Engineers	Assoc Prof Liz Getto	AY23
EM232 Dynamics	Prof Joshua Radice	
EM300 Principles of Propulsion	CAPT Stu Blair	AY23
EM313 Materials Science	Assoc Prof Emily Retzlaff	AY18
EM316 Thermo-Fluid Sciences I	Prof Cody Brownell	
EM317 Thermo-Fluid Sciences II	Prof Cody Brownell	
EM319 Engineering Thermodynamics	Prof Patrick Caton	AY14
EM320 Applied Thermodynamics	Prof Ralph Volino	AY01
EM324 Fluid Dynamics	Prof Mark Murray	
EM371 Introduction to Design	Prof Peter Joyce	
EM375 Mechanical Engineering Experimentation	Prof Luksa Luznik	
EM380 FE Exam Review	LCDR Nathan Greenwood	AY21
EM415 Heat Transfer	Prof Ralph Volino	AY23

EM420 Project Management Mech Eng	LCDR John Joyce	
EM423 Mechanical Vibrations	Prof Josh Radice	
EM424 Analytical Methods in Mechanics	Prof John Burkhardt	
EM433 Computer-Aided Manufacturing	Prof Rick Link	
EM441 Directed Energy	Prof Cody Brownell	
EM443 Energy Conversion		
EM444 Solar Engineering	Prof Keith Lindler	
EM447 Wind and Tidal Energy	Asst Prof Ethan Lust	
EM451 Design of Robotic Elements	Prof Stephen Graham	
EM456 Corrosion and Corrosion Control	Prof Michelle Koul	
EM458 Failure Analysis	Prof Joel Schubbe	
EM461 Engines: Principles, Design and Applications	Prof Jim Cowart	
EM473 Design of Modern Weapons	Ken Conley	
EM474 Gas Turbines: Design and Analysis		
EM476 Vehicle Dynamics	Prof Len Hamilton	AY17
EM485F Energy Analysis, Policy and Security	Prof Patrick Caton	AY16
EM486B Fluid Flow in Biology and the Environment	Prof Cody Brownell	
EM486H Waste-to-Energy Conversion	Prof Patrick Caton	AY15
ER301 Fundamentals of Nuclear Engineering	Prof Mark Murray	
ER313 Nuclear Material Science	Assoc Prof Liz Getto	AY18
ER327 Modern Physics for Nuc Eng	Assoc Prof Steve McHale	
ER362 Reactor Physics	Assoc Prof Marshall Millett	AY13
ER371 Nuclear Plant Design	CAPT Stu Blair	
ER463 Radiation Engineering	CAPT Brad Baker	
ER468 Nuclear Plant Engineering	CAPT Stu Blair	
ER486A Nuclear Weapons Effects	Assoc Prof Steve McHale	
EX401 Interdiscip. Capstone Design I	Assoc Prof Marshall Millett	AY23

EX402 Interdiscip. Capstone Design II	Assoc Prof Marshall Millett	AY23
EX475 Interdiscip. Capstone Design I (FSAE)	Prof Len Hamilton	AY05
EX476 Interdiscip. Capstone Design II (FSAE)	Prof Len Hamilton	AY05

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.

Andrew N. Smith

Distribution (Electronically)
Mechanical Engineering Faculty