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## Graduate Programs—NEW COURSE PROPOSAL<sup>1</sup>

DEPARTMENT: OCEAN AND MECHANICAL ENGINEERING

COLLEGE: ENGINEERING AND COMPUTER SCIENCE

RECOMMENDED COURSE IDENTIFICATION (TO OBTAIN A COURSE NUMBER, CONTACT [ERUDOLPH@FAU.EDU](mailto:ERUDOLPH@FAU.EDU))

PREFIX EML 5930 COURSE NUMBER 5930 LAB CODE (C) N/A

COMPLETE COURSE TITLE: TOPICS IN MECHANICAL ENGINEERING

### EFFECTIVE DATE

(first term course will be offered)

FALL 2016

CREDITS<sup>2</sup>  
3

TEXTBOOK INFORMATION

TBD- DEPENDING ON THE COURSE

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR YES SATISFACTORY/UNSATISFACTORY \_\_\_\_\_

COURSE DESCRIPTION, NO MORE THAN THREE LINES:

STUDY RELATING TO SPECIALIZED TOPICS ASSOCIATED WITH MECHANICAL ENGINEERING, INCLUDING BUT NOT LIMITED TO ENERGY, MACHINES, SOLID MECHANICS, FLUID MECHANICS, THERMODYNAMICS, HEAT TRANSFER, ROBOTICS, EXPERIMENTAL METHODOLOGY, VIBRATIONS, MATERIAL AND CONTROL

PREREQUISITES\*

PERMISSION OF INSTRUCTOR

COREQUISITES\*

NONE

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)\*

MAJOR: MECHANICAL ENGINEERING

\* PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:

MEMBER OF THE GRADUATE FACULTY OF FAU AND HAS A TERMINAL DEGREE IN THE SUBJECT AREA (OR A CLOSELY RELATED FIELD).

Faculty contact, email and complete phone number:

Dr. Tsung-Chow Su, Eng.Sc.D.

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Telephone No. : 561-297-3896

Email Address: su@fau.edu

Please consult and list departments that might be affected by the new course and attach comments.<sup>3</sup>

This is a graduate level companion to EML 4930 to help BS/MS students to take a companion class in their senior year that will count towards both degrees.

<p><b>Approved by:</b></p> <p>Department Chair: _____</p> <p>College Curriculum Chair: _____</p> <p>College Dean: _____</p> <p>UGPC Chair: _____</p> <p>Graduate College Dean: _____</p> <p>UFS President: _____</p> <p>Provost: _____</p>	<p><b>Date:</b></p> <p>_____</p> <p>09/16/16</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>1. Syllabus</b> must be attached; see guidelines for requirements: <a href="http://www.fau.edu/provost/files/course_syllabus.2011.pdf">www.fau.edu/provost/files/course_syllabus.2011.pdf</a></p> <p><b>2. Review Provost Memorandum: Definition of a Credit Hour</b> <a href="http://www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf">www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf</a></p> <p><b>3. Consent</b> from affected departments (attach if necessary)</p>
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Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) one week before the University Graduate Programs Committee meeting.