

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW COURSE PROPOSAL</b> <b>Undergraduate Programs</b>		UUPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____	
	<b>Department</b> Ocean & Mechanical Engineering <b>College</b> Engineering & Computer Science (To obtain a course number, contact <a href="mailto:erudolph@fau.edu">erudolph@fau.edu</a> )			
<b>Prefix</b> EGM  <b>Number</b> 4523	(L = Lab Course; C = Combined Lecture/Lab; add if appropriate) <b>Lab Code</b> C	<b>Course Title</b> Intermediate Strength of Materials		
<b>Credits</b> (Review Provost Memorandum)  3  <b>Effective Date</b> (TERM & YEAR) Fall 2018	<b>Grading</b> (Select One Option)  <b>Regular</b> <input checked="" type="radio"/> <b>Pass/Fail</b> <input type="radio"/> <b>Sat/UnSat</b> <input type="radio"/>	<b>Course Description</b> (Syllabus must be attached; Syllabus Checklist recommended; see Guidelines)  An extension of the theories and applications of the principles of mechanics of materials taught in EGN 3331 Strength of Materials, including determining the deflection of beams by different methods, solving statically indeterminate problems, studying the phenomenon of stress concentration in practical situations, and applying static failure theories in design.		
<b>Prerequisites, with minimum grade*</b>  EGN 3331 all with a grade of C or above		<b>Corequisites</b>	<b>Registration Controls</b> (Major, College, Level)  Major	
*Default minimum passing grade is D-. Prereqs., Coreqs. & Reg. Controls are enforced for all sections of course				
<b>WAC/Gordon Rule Course</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No  WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See <a href="#">WAC Guidelines</a> .		<b>General Education Requirement</b> (Select One Option) <input type="radio"/> Written Communication <input type="radio"/> Society/Human Behavior <input type="radio"/> Math/Quantitative Reasoning <input type="radio"/> Global Citizenship <input type="radio"/> Science/Natural World <input type="radio"/> Humanities General Education criteria must be indicated in the syllabus and approval attached to the proposal. See <a href="#">GE Guidelines</a> .		
<b>Min. qualifications to teach course</b> MS Degree in related engineering fields		<b>List textbook information in syllabus or here</b>		
<b>Faculty Contact/Email/Phone</b> George Cai/caig@fau.edu/561-297-3428		<b>List/Attach comments from departments affected by new course</b> None		
<b>Approved by</b> Department Chair <u>Jawad Chelou</u> College Curriculum Chair _____ College Dean _____ UUPC Chair _____ Undergraduate Studies Dean _____ UFS President _____ Provost _____			<b>Date</b> _____ _____ _____ _____ _____ _____	

Email this form and syllabus to [mjenning@fau.edu](mailto:mjenning@fau.edu) seven business days before the UUPC meeting.