

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs		UUPC Approval <u>1/27/20</u> UFS Approval _____ Banner Posted _____ Catalog _____
	Department Ocean & Mechanical Engineering College Engineering & Computer Science		
Program Name Mechanical Engineering	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date (TERM & YEAR) Fall 2020	
<p>Please explain the requested change(s) and offer rationale below or on an attachment</p> <ol style="list-style-type: none"> To change the pre-req for EGM 4350 (Finite Element Analysis for Engineering and Design) to EGN 3331 (Strength of Materials). This change will streamline the course sequencing for both OE, ME and Civil Engineering students. To revise the course description and pre-reqs for Electro-Mechanical Devices (EGM 4045) so that this course is available for both OE and ME Programs. To revise the pre-reqs and co-reqs for Engineering Design (EML 4521C) so that EML 4127 and EML 4500 will be both pre-reqs and co-reqs. To add two new elective courses titled Introduction to Microfluidics and MEMS (BME 4580) and Introduction to Energy Conversion Processes and Systems (EML 4450). These will be elective courses available for the ME Program. 			
Faculty Contact/Email/Phone Dr. P. Edgar An / pan@fau.edu / 561-297-2792		Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u>[Signature]</u> College Curriculum Chair <u>[Signature]</u> College Dean _____ UUPC Chair <u>[Signature]</u> Undergraduate Studies Dean <u>[Signature]</u> UFS President _____ Provost _____		Date _____ <u>1-25-20</u> <u>1-27-20</u> <u>1/30/20</u> _____ _____	

Email this form and attachments to mjenning@fau.edu one week before the UUPC meeting so that materials may be viewed on the UUPC website prior to the meeting.