

Program Approval Form

For approval of new programs and deletions or modifications to an existing program.

Action Requested: Create New (SCHEV approval required Inactivate Existing Inactivate Inactivate Existing Inactivate In	y) uired except for minors) Add Delete	Modify	Type (Check one): B.A. B.S. X Minor Master's Ph.D. Undergraduate Certificate* Graduate Certificate* Bachelor's/Accelerated Master's Other:		
	ool of Engineering	Department:	Mechanical Engineering		
		Ext: 3-1712	Email: creagle@gmu.edu		
Effective Term: Fall 2018 Please note: For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog. Justification: (attach separate document if necessary)					
The current versions lists 3 options for elect However, since ME 431 is no longer a requi most essential elements of ME as they are of Through a robust discussion, I believe we a	ives which included ME 431 and ME 4 red course for the major, we chose to only taking a few courses in our discip rrived at a conclusion that the entire d ng 2 courses from a list of courses (w	o revisit the require pline. department was ha which includes all t	nts for minor option #3: Dynamics Systems and Controls. ements for this option. Minor students should be getting the appy with. The new version would allow students to the courses listed in current version's options 1/2/3 plus a		
	Existing		New/Modified		
Program Title: (Required) Title must identify subject matter. Do not include name of college/school/dept. Concentration(s):	Minor in Mechanical Engineering		Newmodified		
Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)					
Degree Requirements: Consult University Catalog for models, attach separate document if necessary using track changes for modifications Courses offered via distance:	Core Requirements: ME 151 Practicum in Eng ENGR 107 - Introduction Engineering Credits: 2 ME 211 - Statics Credits: ME 212 - Solid Mechanics ME 221 - Thermodynamic ME 231 - Dynamics Cred Elective Requirements: Option 1: Thermal Fluid Systems ME 322 - Fluid Mechanic ME 342 - Design of Ther Credits: 3 Option 2: Mechanical Systems ME 313 - Material Scienc ME 341 - Design of Meclelements Credits: 3 Option 3: Systems Dynamics and Common ME 431 - System Dynam ME 432 - Control Engineer	gineering OR to 3: 3 ss Credits: 3 cs Credits: 3 dits: 3 cs Credits: 3 armal Systems ace Credits: 3 chanical Control nics Credits: 3 pering Credits: 3	ME 151 Practicum in Engineering OR ENGR 107 - Introduction to Engineering Credits: 2 ME 211 - Statics Credits: 3 ME 212 - Solid Mechanics Credits: 3 ME 221 - Thermodynamics Credits: 3 ME 231 - Dynamics Credits: 3 ME 231 - Dynamics Credits: 3 Elective Requirements: Select two additional courses from the following: ME 313 Material Science Credits: 3 ME 322 Fluid Mechanics Credits: 3 ME 323 Heat Transfer Credits: 3 ME 341 Design of Mechanical Elements Credits: 3 ME 342 Design of Thermal Systems Credits: 3 ME 352 Entrepreneurship in Engineering Credits: 3 ME 431 Systems Dynamics Credits: 3 ME 432 Control Engineering Credits: 4 ME 454 Project Mgmt for Engineers Credits: 3 ME 471 Introduction to Astronautics Credits: 3 ME 499 Special Topics in Mechanical Engineering Credits: 0-4-17+1-2-9-1		
Courses offered via distance: (if applicable)					

TOTAL CREDITS REQUIRED:						
*For Certificates Only: Indicate whether students are able to pursue on a Full-time basis Part-time basis						
Approval Signatures						
Col WL	9/7/17 ////// 9/21/	17 Slate 9 (20/17				
Department	Date College/School	Date Provost's Off Required for Min	ice Date nors and Interdisciplinary Programs			
If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.						
Unit Name	Unit Approval Name	Unit Approver's Signature	Date			
For Undergraduate Programs only						
Undergraduate Council Member	Provost Office	Und	ergraduate Council Approval Date			
For Graduate Programs Only						
Graduate Council Member	Provost Office	Grad	duate Council Approval Date			
For Registrar Office's Use Only: Recei	vedBanner	Catalog	revised 9/2/2016			