

# MECHANICAL ENGINEERING - MASTER OF ENGINEERING IN MECHANICAL ENGINEERING (ONLINE)

All students must take Professional Master's Degree Exit Survey to graduate, which will be conducted by the Graduate Program Coordinator and will be taken after completing all coursework.

The Mechanical Engineering Masters of Engineering degree is a coursework-based graduate degree that requires neither a thesis nor a project.

## (30 credits)

Prefix	Title	Credits
<b>Requirements</b>		
M E 570	Engineering Analysis I	3
<b>Core Courses</b>		
Select one course from each of the following 4 topic areas: <sup>1</sup>		12
<i>Solid Mechanics</i>		
Select one from the following:		
M E 502	Elasticity I	
M E 504	Continuum Mechanics	
<i>Thermal Science</i>		
Select one from the following:		
M E 503	Thermodynamics	
M E 540	Intermediate Heat Transfer	
<i>Fluids</i>		
Select one from the following:		
M E 530	Intermediate Fluid Mechanics	
M E 533	Numerical Methods for Fluid Mechanics and Heat Transfer	
<i>Dynamics and Vibrations</i>		
Select one from the following:		
M E 511	Dynamics	
M E 512	Vibrations	
<i>Engineering Analysis and Control</i>		
Select one from the following:		
M E 518	Applied Finite Elements	
M E 527	Linear Systems Theory	
<b>Additional Requirements</b>		
Select three online courses (500 level or above) from any departments and two online courses (500 level or above) from any college: <sup>2</sup>		15
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Graduate A E courses may be substituted for M E courses with the approval of the Graduate Program Coordinator.

<sup>2</sup> If course is not in A E or M E program, approval of the Graduate Program Coordinator is required.

## Academic Advisor and Final Exit Survey

Newly admitted Mechanical Engineering Masters of Engineering (online) students will be assigned the Graduate Program Coordinator as an academic advisor.