

Engineering Industry Certificate	3 SH	Course or Option	
Program SLOs	EML 3960 Certified Solidworks Professional Exam Prep	EML 4961 Fundamentals of Engineering - Mechanical Exam Prep	EGN 4965 Fundamentals of Engineering Exam Preparation for Electrical and Computer Engineering Major
Content			
An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.		x	x
Critical Thinking			
An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	x		
Communication			
An ability to communicate effectively with a range of audiences.		x	x
Integrity / Values			
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.		x	x

Mechanical Engineering
 Department URL

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