

## Industrial Engineering Program Outcomes Mapped to Program Educational Objectives

Program Outcome	Courses	Objective 1	Objective 2	Objective 3
		Successful in improving operations by solving complex industrial engineering problems.	Demonstrate professional leadership.	Instilled with the motivation and ability to accomplish professional lifelong learning.
<b>Outcome A:</b> Apply knowledge of mathematics, science and engineering	All courses	X		
<b>Outcome B:</b> Design and conduct experiments	ISEN 314, 424, 459	X		
<b>Outcome C:</b> Design a system, component, or process within realistic constraints	ISEN 314, 416, 459	X		
<b>Outcome D:</b> Function on multidisciplinary teams	ISEN 314, 416, 459	X	X	
<b>Outcome E:</b> Identify, formulate, and solve engineering problems	All courses	X		
<b>Outcome F:</b> Understanding of professional and ethical responsibility	ISEN 459	X	X	
<b>Outcome G:</b> Communicate effectively	ISEN 416, 420, 424, 459	X	X	
<b>Outcome H:</b> Impact of engineering solutions in a global and societal context	ISEN 459	X	X	X
<b>Outcome I:</b> Lifelong learning	ISEN 416, 459	X		X
<b>Outcome J:</b> Contemporary issues	ISEN 459	X	X	X
<b>Outcome K:</b> Use the techniques, skills, and modern engineering tools for engineering practice	All courses	X		