Courses	*Mechanisms for Assessing Program Outcomes*	a. An ability to apply knowledge of mathematics, science, and engineering	b_1. An ability to design experiments to evaluate the performance of a mechanical/thermal system or component with respect to specifications	b_2. An ability to conduct experiments, as well as to analyze and interpret data	c_1. An ability to design a mechanical system, component, or process to meet desired needs	c_2. An ability to design a thermal system, component, or process to meet desired needs	d. An ability to function effectively as members of multidisciplinary teams	e_1. An ability to define engineering problems	e_2. An ability to solve engineering problems	f. An understanding of professional ethical responsibility	g_1. An ability to communicate technical matters effectively in oral form	g_2. An ability to communicate technical matters effectively in written form	g_3. An ability to communicate technical matters effectively in graphical form	h. The broad education necessary to understand impact of engineering solutions in a global and societal context	i. A recognition of need for, and ability to engage in, life long learning	j. A knowledge of contemporary issues	k. An ability to use techniques, skills, and modern engineering tools necessary for engineering practice
	1. MECH 306 – Eq Solving Techniques																■
	2. MECH 308 – Finite Element Analysis																■
	3. MECH 338 – Heat Transfer					■											
	4. MECH 340 – Mechanical Engr Design	■			■							■	■				
	5. MECH 440A – Mech Engr Design Proj I						■	■			■	■			■		
	6. MECH 440B – Mech Engr Design Proj II		■							■				■		■	
	7. MECA 380 – Measurement/Instrument			■													■
	8. MECA 482 – Control System Design								■								

Mechanical Engineering Program Outcomes