

Department of Engineering, Mathematics and Physics
Engineering Course Offerings by Semester

Course # and Title	Fall semester	Spring semester	Summer sessions
ENGR 1201 Foundations of Engineering I	x	x	
ENGR 1202 Foundations of Engineering II	x	x	
ENGR 1204 Engineering Graphics	x		
ENGR 2303 Engineering Statics & Dynamics	x	x	
ENGR 2103 Engineering Statics & Dynamics Laboratory	x	x	
ENGR 2105 Principles of Electrical Engineering Laboratory	x	x	
ENGR 2305 Principles of Electrical Engineering	x	x	
ENGR 2372 Introduction to Design of Experiments		x	
ENGR 2376 Conservation Principles of Thermal Engineering		x	
SENG 3300 Engineering Economics	x		
SENG 3301 Engineering Project Management and Proposals	x	x	
SENG 3310 Introduction to Control Systems	x		
SENG 3320 Engineering Modeling and Design	x		
SENG 3330 Operations Research I		x	
SENG 3340 Robotics and Automation		x	
SENG 3350 Production Planning and Control		x	
SENG 3380 Engineering Statistics	x		
SENG 4390 Systems Engineering Senior Project	x	x	
Engineering Track Courses			
SENG 3370 Computer Integrated Manufacturing		x	
SENG 4315 Embedded Systems	x		
SENG 4330 Operations Research II	x		
SENG 4340 Intelligent Systems	x		
SENG 4350 Facilities Design and Logistics	x		
SENG 4360 Systems Simulation		x	
Elective Courses			
SENG 4195-4395 Undergraduate Research	x	x	x
SENG 4199-4399 Independent Study in Systems Engineering	on demand	on demand	on demand
SENG 4370 Introduction to Virtual Manufacturing	on demand	on demand	
SENG 4380 Quality Control and Reliability	on demand	on demand	
SENG 4385 Special Topics in Systems Engineering	on demand	on demand	on demand
SENG 4152-4352 Internship in Systems Engineering	x	x	x