

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **MANUFACTURING ENGINEERING TECHNOLOGY** When applicable, up to six of the **REQUIRED RELATED**
 Option: courses may be credited toward the Liberal Arts Core subject to normal distribution rules.
 Major Field Requirements: **54.0 credits**
 Other Requirements: **22.0 credits**

Course No.	Short Title	C.H.	Grade	Course No.	Short Title	C.H.	Grade
CORE ENGINEERING COURSES (54.0 credits)				DIRECTED ELECTIVES (3.0 credits)			
ITEC 130	Production Materials & Processes	3.0	_____	ITEC 300	Internship	3.0	_____
ITEC 241	Drafting Communications	3.0	_____	ITEC 376	Wood Technology	3.0	_____
ITEC 261	Electronic Systems	3.0	_____	ITEC 392	Industrial Training	3.0	_____
ITEC 262	Semiconductor Electronics	3.0	_____	ITEC 400	Internship	3.0	_____
ITEC 271	Processing Nonmetallic Materials	3.0	_____	ITEC 446	Computer-Aided Drafting & Design	3.0	_____
ITEC 281	Metallic Materials & Production Methods	3.0	_____	ITEC 467	Mobile Robotic Systems	3.0	_____
ITEC 325	Power Conversion & Control	3.0	_____	REQUIRED RELATED (6.0 credits)			
ITEC 326	Fluid Power	3.0	_____	MATH 161	Calculus I	4.0	_____
ITEC 342	Computer-Aided Engineering Drawing	3.0	_____	MATH 130	Survey of Statistics	3.0	_____
ITEC 344	Product Design	3.0	_____	PHYS 131	Physics I with Algebra	4.0	_____
ITEC 345	Statics & Strength of Materials	3.0	_____	PHYS 132	Physics II with Algebra	4.0	_____
ITEC 375	Polymer & Ceramic Technology	3.0	_____	CHEM 111	Introductory Chemistry I	4.0	_____
ITEC 382	Automated Manufacturing	3.0	_____				
ITEC 425	Industrial Robotic Systems	3.0	_____				
ITEC 427	Programmable Logic Controllers	3.0	_____				
ITEC 448	Machine Tool Design	3.0	_____				
ITEC 492	Technical Entrepreneurship	3.0	_____				
ITEC 494	Total Quality Management	3.0	_____				