

Manufacturing Engineering Technology
Bachelor of Science
120 Credits
Suggested Four-Year Program of Study

Freshman Year	<p>Fall</p> <ul style="list-style-type: none"> • AENG 130 Production Materials & Processes 3 • AENG 261 Electronic Systems 3 • ENGL 110 English Composition 3 • UNIV 103 First Year Inquiry (FYI) Seminar or Open Elective 3 • COMM 100 Fundamentals of Speech <u>3</u> <p style="text-align: right;">15</p> <p>Spring</p> <ul style="list-style-type: none"> • AENG 241 Drafting Communications 3 • AENG 281 Metallic Materials and Production Methods 3 • AENG 325 Power Conversion & Control 3 • _____ (G1) Humanities/Fine Arts Elective 3 • _____ (G3) Social Sciences Elective <u>3</u> <p style="text-align: right;">15</p>
Sophomore Year	<p>Fall</p> <ul style="list-style-type: none"> • AENG 271 Processing Nonmetallic Materials 3 • AENG 425 Industrial Robotic Systems 3 • MATH 130 Elements of Statistics 3 • WELL 175 Wellness 3 • _____ (G1) Humanities/Fine Arts Elective <u>3</u> <p style="text-align: right;">15</p> <p>Spring</p> <ul style="list-style-type: none"> • AENG 326 Fluid Power 3 • AENG 262 Semiconductor Electronics 3 • AENG 342 Computer-Aided Engineering Drawing 3 • MATH 161 Calculus 1 4 • _____ (G3) Social Sciences Elective <u>3</u> <p style="text-align: right;">16</p>
Junior Year	<p>Fall</p> <ul style="list-style-type: none"> • AENG 382 Automated Manufacturing 3 • PHYS 131 Physics I with Algebra 4 • WRIT 312 or 316 Technical or Business Writing 3 • _____ (G1) Humanities/Fine Arts Elective 3 • _____ (G3) Social Sciences Elective <u>3</u> <p style="text-align: right;">16</p> <p>Spring</p> <ul style="list-style-type: none"> • AENG 344 Product Design 3 • AENG 427 Programmable Logic Controllers 3 • AENG 448 Machine Tool Design 3 • PHYS 132 Physics II with Algebra 4 • _____ Perspectives course (P) <u>3</u> <p style="text-align: right;">16</p>

Senior Year	Fall		
		• AENG 492 Technical Entrepreneurship	3
		• AENG 494 Total Quality Management	3
		• CHEM 111 Introductory Chemistry	4
		• Diversity	4
		• _____ Free elective(s)	<u>3</u>
		<i>(as needed to meet 120 credits minimum for program)</i>	
			17
		Spring	
		• AENG 345 Statics & Strength of Materials	3
		• AENG ____ Directed Elective	3
		• AENG 375 Polymers and Ceramics	3
	• _____ Free elective	<u>3</u>	
		12	