



First Year		
Fall: 16 Credits	Written Communication (3)	
	MTH 1110 (4) College Algebra	
	Oral Communication (3)	
	AMS 1010 (3) Sur. of Adv. Manufacturing & Workplace Preparation	
	IND 1450 (3) OR CET 1215 (3) or MET 1200 (3)	
Spring: 15 Credits	Written Communication (3)	
	MTH 1120 (3) Trigonometry	
	EET 1001 (3) Electronics: An Introduction	
	MET 1010 (3) OR IND 2830 (3)	
	Arts and Humanities (3)*	

Second Year		
Fall: 16 Credits	CHE 1100 (4) & CHE 1150 (1) Prin. Chemistry I & Lab	
	COM 2610 (3) Introduction to Technical Writing	
	MET 1310 (3) Principles of Quality Assurance	
	MTH 1410 (4) Calculus I	
	Natural and Physical Sciences (1)***	
Spring: 15 Credits	PHY 2010 (4) & PHY 2030 (1) College Physics I & Lab	
	CIS 2010 (3) Foundations of Info. Systems	
	MTH 2410 (4) Calculus II	
	Arts and Humanities (3)-select course approved for Multicultural	

*PHI 1030-Ethics is recommended

**ECO 2020-Microeconomics is recommended

*** PHY 1020-Physics for Advanced Technology is recommended

Third Year		
Fall: 14 Credits	CET 3120 (3) Engineering Economy	
	CS 3000 (4) Computing for Advanced Manufacturing	
	Historical (3)-select course approved for Global Div.	
	PHY 2020 (4) College Physics II	
Spring: 16 Credits	EET 2000 (3) Electric Circuits & Machines	
	EET 2145 (3) & EET 2146 (1) Electronics & Lab	
	EET 3370 (3) Digital Circuits for Adv. Manufacturing	
	EET 3380 (3) Tech. Programming for Adv. Manufact.	
	Social and Behavioral Sciences II (3)**	

Fourth Year		
Fall: 16 Credits	EET 3690 (3) Fiber Optics	
	EET 3730 (2) Process Control Systems	
	EET 3740 (2) Programmable Logic Controllers	
	MET 3000 (4) Manufacturing Analysis	
	MGT 3000 (3) Organizational Management	
	Approved Major Electives (2)****	
Spring: 12 Credits	AMS 4950 (3-6) Professional Internship	
	EET 4330 (3) Data Communications	
	EET 4730 (3) Robotics	
	Approved Major Electives (3)****	

****Students need to complete 5-credits of AMS advisor approved electives. A minimum of 2 credits of electives must be upper-division. All students are required to complete 40-credits of upper-division to graduate.