



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: 14 Credits	PHY 2010 (4) & PHY 2030 (1) College Physics I & Lab	
	CIS 2010 (3) Foundations of Info. Systems	
	MET 1210 (3) 3D Modeling	
	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: 16 Credits	CS 3000 (4) Computing for Advanced Manufacturing	
	CET 3120 (3) Engineering Economy	
	Historical (3)-select course approved for Global Div.	
	MET 2200 (3) Materials of Engineering	
	MET 3100 (3) N/C Computer Programming	
Spring: 15 Credits	MET 3215 (3) Composites Manufacturing	
	MET 3250 (3) Tool Design and Production Tooling	
	MET 3260 (3) Direct Digital Manufacturing	
	Social and Behavioral Sciences II (3)**	
	Approved Major Electives (3)****	

Fourth Year		
Fall: 16 Credits	MET 3000 (4) Manufacturing Analysis	
	MET 3300 (3) Statistical Process Control	
	MET 3410 (3) Geometric Dimensioning & Tolerance	
	MGT 3000 (3) Organizational Management	
	Approved Major Electives (3)****	
Spring: 12 Credits	AMS 4950 (3-6) Professional Internship	
	MET 3630 (3) Lean Manufacturing	
	MET 3735 (3) Computer Integrated Manufacturing	
	Approved Major Electives (3)****	

\*\*\*\*Students need to complete 9-credits of AMS advisor approved electives. All students are required to complete 40-credits of upper-division to graduate.