



First Year		
Fall: 13 Credits	ENG 1010 Composing Arguments	3
	Oral Communication	3
	MTH 1110 College Algebra	4
	PHI 1030 Introduction to Ethics (Recommended)	3
Spring: 16 Credits	ENG 1020 Research and Argument Writing	3
	Historical (MC or GD)	3
	AMS 1010 Survey of Adv Manuf & Workplace Prep	3
	MET 1010 (Recommended) or IND 2830	3
	CS 1050 Computer Science 1	4

Third Year		
Fall: 16 Credits	ECO 2020 Principles of Microeconomics (Recommended)	3
	AMS 3010 Additive Manufacturing Stratasys Cert Prep	3
	MET 3000 Manufacturing Analysis	4
	MTH 2140 Computational Matrix Algebra	2
	CS 3250 Software Development Methods & Tools*	4
Spring: 13 Credits	CET 3120 Engineering Economy	3
	CSS 1751 Computing and Security for Manufacturing	3
	MET 2010 CNC Machining and Inspection	3
	CS 3750 Computer and Network Security	4

Second Year		
Fall: 17 Credits	EET 1001 Electronics: An Introduction	3
	MET 1200 (Recommended) or IND 1450 or CET 1215	3
	MTH 1120 College Trigonometry	3
	CS 1400 Computer Organization 1	4
	CS 2050 Computer Science 2	4
Spring: 16 Credits	PHY 2010 College Physics I	4
	PHY 2030 College Physics Laboratory	1
	MET 1310 Principles of Quality Assurance	3
	CS 2400 Computer Organization 2	4
	MTH 1410 Calculus I	4

Fourth Year		
Fall: 14 Credits	Art and Humanities (MC or GD)	3
	JMP 2610 Introduction to Technical Writing	3
	CS 3510 Computer Graphics	4
	CS 3600 Operating Systems	4
Spring: 14 Credits	AMS 4950 Professional Internship	3
	CS 3140 Human-Computer Interaction or Any 3000-4000 CS	4
	CS 3410 Embedded Systems or Any 3000-4000 CS	4
	Advisor Approved Elective (Must be 3000-4000)*	3

*Students need to complete 7 credits of AMS advisor approved electives. A minimum of 7 credits of electives must be Upper Division (3000 or 4000 level). All students are required to complete 40 credits of Upper Division to graduate. *NOTE: If not a transfer student, may need to complete an additional 1-credit of GS Natural & Physical Sciences*

KEY:

General Studies/AMS Required Prerequisites
 AMS Core Courses

Concentration Required Courses
 AMS Advisor Approved Electives