

**INDUSTRIAL MANAGEMENT AND APPLIED ENGINEERING PROGRAM
TYPICAL COURSE SEQUENCE-EFFECTIVE SUMMER 2020**

Typical Course Sequence - Entering as Freshman or Transfer from a Baccalaureate Program

FRESHMAN YEAR

FIRST SEMESTER	Hrs	SECOND SEMESTER	Hrs
IMAE 208 (Fund. Mfg. Processes)	3	IMAE 110(Geometric Dimen.& Tol.)	3
ENGL 101 (English Comp. I)	3	ENGL 102	3
MATH 108 (College Algebra)	3	CMST 101(Speech)	3
Core Human Health	2	MATH 140 (Short Course Calc.)	4
Core Fine Arts	3	Core Biological Science	3
UCOL 101	1		
Engineering Orientation	15		16

SOPHOMORE YEAR

FIRST SEMESTER	Hrs	SECOND SEMESTER	Hrs
IMAE 375 (Production & Inv Mgmt)	3	IMAE 305 (Industrial Safety)	3
PHYS 203A (College Physics)	3	IMAE 392 (Facilities Planning)	3
PHYS 253A (Physics lab)	1	PHYS 203B (Physics)	3
Core Multicultural	3	PHYS 253B (Physics Lab)	1
Core Humanities	3	Core Humanities	3
Technical Elective	3	Technical Electives	3
	16		16

JUNIOR YEAR

FIRST SEMESTER	Hrs	SECOND SEMESTER	Hrs
IMAE 470A (Six Sigma Green Belt I)	3	IMAE 470B (Six Sigma Green Belt II)	3
PSYC 323 (Psyc. of Emp. Rel.)	3	IMAE 445 (Comp-Aided Mfg.)	3
Free Elective	3	IMAE 476 (Supply Chain Mgmt)	3
Core Social Science	3	Technical Electives	3
Technical Electives	3	Free Electives	3
	15		15

SENIOR YEAR

FIRST SEMESTER	Hrs	SECOND SEMESTER	Hrs
IMAE 390 (Cost Estimating)	3	IMAE 450 (Project Management)	3
Free Elective	3	IMAE 465 (Lean Manufacturing)	3
Core Social Science	3	IMAE 442 (Fundamentals of Leader.)	3
Technical Electives	6	Technical Elective	3
	15		12

Total Curriculum Requirements: 120 Semester Hours

3/1/2016