PROGRAM ARTICULATION	DEGREE PLAN				
College of DuPage 2021-2022			Southern Illinois University Carbondale		
AAS Manufacturing Engineering Technology - 67 hrs			BS Industrial Management and Applied Engineering (IMAE) Quality Management Specialization) hrs
General Education			University Core Curriculum (U	CC) CAPSTONE OPTION - 30 hrs	
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
SPEEC 1100	Fundamentals of Speech Communication	3	CMST 101	Intro to Oral Communication	Т
ENGLI 1101	English Composition I	3	ENGL 101	English Composition I	Т
			ENGL 102	English Composition II	NA
MATH 1431 -and- 1432	Precalculus I -and- Precalculus II	8	MATH 108 -and- 109	College Algebra -and- Trig & Analytic Geometry	Т
PSYCH 1100	General Psychology	3	PSYC 102	Intro to Psychology	Т
			SOCIAL SCIENCE		3
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	Т
		-	HUMANITIES		NA
PHYSI 1201	General Physics I	5	PHYS 203A -and- 253A	College Physics w/Lab	Т
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
	Contemporary Life Skills		MULTICULTURAL	See SIUC Transfer Equivalency Guide	T
		27	MOLTICOLTORAL		9
		- 21			3
Program Requirements			Program Requirements		
ELECT 1100	Electricity & Electronics Fundamental-				
	Electricity & Electronics Fundamentals	3	-		
ELMEC 1141	Hydraulics & Pneumatics	3	-		
MANUF 1101	Industrial Design/CAD	3	-		
MANUF 1121	Physical Metallurgy	3			
MANUF 1160	Technical Static & Strength of Material	4	Any unarticul	ated courses will be used to satisfy general elective credit	
		3			
MANUF 1180	Quality Control				
MANUF 2251	Computer Numerical Control (CNC)	3			
MANUF 2251	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis	3			
MANUF 2251 MANUF 2253	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM)	3 3 2	IMAE 208	Fundamentals of Manufacturing Processes	T
MANUF 2251 MANUF 2253 MANUF 2281	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis	3 3 2 3	IMAE 208 IMAE 208	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes	<u>Т</u> Т
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I	3 3 2 3 3			
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design	3 3 2 3 3 3	IMAE 208	Fundamentals of Manufacturing Processes	Т
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3	IMAE 208 IMAE 208	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes	T T
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics	T T
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab	T T T 4
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing	T T T 4 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety	T T T 4 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus	T T T 4 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340*	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision	T T T 4 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management	T T T 4 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating	T T T 4 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design	T T T 4 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 465	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 465 IMAE 470A	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 390 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B IMAE 476	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design	3 3 2 3 3 3 4	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 390 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B IMAE 476	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203 MATH 1635	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design Statistics	3 3 3 3 4 4 40	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 476 IMAE Electives	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management 300/400 level	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design Statistics	3 3 3 3 4 4 40	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 390 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B IMAE 476	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management 300/400 level	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203 MATH 1635	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design Statistics	3 3 3 3 4 4 40	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 476 IMAE Electives	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management 300/400 level	T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MANUF 2251 MANUF 2253 MANUF 2281 MANUF 1151 MANUF 2202 MANUF 2203 MATH 1635	Computer Numerical Control (CNC) Computer-Aided Manufacturing (CAM) Cost Analysis Machine Shop I Solid Modeling & Design Manufacturing Processes & Design Statistics	3 3 3 3 4 4 40	IMAE 208 IMAE 208 MATH 282 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 PSYC 323 or IMAE 340* IMAE 375 IMAE 390 IMAE 442 IMAE 445 IMAE 445 IMAE 4465 IMAE 470B IMAE 476 IMAE Electives	Fundamentals of Manufacturing Processes Fundamentals of Manufacturing Processes Intro to Statistics College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Organizational Psychology or Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management 300/400 level	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3