Moraine Valley Community	DEGREE PLAN College 2021-2022		Southern Illinois University Carbon	dale	
Moraine Valley Community ( AAS Integrated Systems Tech			BS Industrial Management and Applied		
AAS Integrated Systems Tech	illology - 00 files		University Core Curriculum (UCC) C		
		Hrs	University core curriculum (000) c	papatone Option - 30 ma	Hrs
		1113	UNIV 101	Saluki Success	NA
COM 103	Speech Fundamentals	3	CMST 101	Intro to Oral Communication	T
COM 103	Composition I	3	ENGL 101	English Composition I	Ť
COM 101	Composition i		ENGL 101	English Composition II	NA
			MATH 108 (fulfills BS degree	Linguisti Composition ii	
			requirement)	College Algebra	3
	IAI Social/Behavior Science -or- IAI Humanities/Fine Arts	3	SOCIAL SCIENCE	(See SIU Transfer Equivalencey Guide)	T*
	IAI Social/Deliavior Science -or- IAI Humaniles/Fine Arts	3	SOCIAL SCIENCE	(See SIO Transier Equivalencey Guide)	3
			HUMANITIES		3
			HUMANITIES		NA
PHY 150	Mechanics, Heat & Sound	4	PHYS 203/253A (fulfills BS degree	College Physics/Lab	Т
	,		requirement)		
			LIFE SCIENCE, GRP II		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		13	18		18
			UCC Requirements are 6 hrs Social Science, 3 hrs Humanities, and 3 Fine Arts		
Program Requirements			Program Requirements		
ELT 101	Electricity and Electronics	3	·		
ELT 102	Digital Logic/Solid State Devices	3			
ELT 112	Computers for Industry	1			
ELT 201	Industrial Controls	3			
ELT 202	Advanced Industrial Controls	3			
ELT 211	Introduction to PLCs	3			
ELT 211	Advanced PLCs				
ELI ZZZ					
INANA 404		3	The AAS degree in Integrated System	as Toohnology as articulated with the recommended	toobnical
	Mechanical Systems I	3		ns Technology as articulated with the recommended	
IMM 103	Mechanical Systems I Machinery Moving and Set-Up	3 2	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II	3 2 3	electives fulfills the 22 hrs of technical		
IMM 103 IMM 107 IMM 120	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits	3 2 3 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107 IMM 120 IMM 220	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System	3 2 3 3 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
MM 103 MM 107 MM 120 MM 220 ST 109	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry	3 2 3 3 3 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry	3 2 3 3 3 3 2	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133 WLD 111	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I	3 2 3 3 3 3 2	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133 WLD 111	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 2 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 2 3	electives fulfills the 22 hrs of technical degree in Indust	al electives and the following course requirements for rial Management & Applied Engineering.	or the BS
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical	al electives and the following course requirements for	
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical degree in Indust	al electives and the following course requirements for rial Management & Applied Engineering.	or the BS
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical degree in Indust	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing	or the BS
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical degree in Industrial In	al electives and the following course requirements for final Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess	or the BS
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical degree in Industrial degree in Industrial IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307	al electives and the following course requirements for final Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology	3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 307 IMAE 307 IMAE 307	al electives and the following course requirements for final Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-	or the BS
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	electives fulfills the 22 hrs of technical degree in Industrial degree in Industrial IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or- Organizational Psychology	3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 340 - or- PSYC 323*** IMAE 375	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management	3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 307	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 375 IMAE 379 IMAE 390 IMAE 390 IMAE 390	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	imae 110 imae 208 (Required for BS degree) imae 305 imae 307 imae 340 -or- PSYC 323** imae 375 imae 375 imae 390 imae 392 imae 442	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 392 IMAE 342 IMAE 442 IMAE 445	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 307 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 445 IMAE 445	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 465	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 ATH 133 VLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	imae 110 imae 208 (Required for BS degree) imae 305 imae 307 imae 340 -or- PSYC 323** imae 375 imae 390 imae 392 imae 442 imae 445 imae 445 imae 465 imae 470a	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 465	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	imae 110 imae 208 (Required for BS degree) imae 305 imae 307 imae 340 -or- PSYC 323** imae 375 imae 390 imae 392 imae 442 imae 445 imae 445 imae 465 imae 470a	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 VLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 307 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE 476	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and 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 I Supply Chain Management	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 379 IMAE 390 IMAE 390 IMAE 390 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 446 IMAE 470A IMAE 470B IMAE 476 PHYS 203/253B	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and 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 College Physics/Lab	3 3 3 3 3 3 3 3 3 3 3 3 3 4 4
MM 103 MM 107 MM 120 MM 220 ST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power I: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials	3 2 3 3 3 3 2 3 3 3	IMAE 110 IMAE 208 (Required for BS degree) IMAE 307 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE 476	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or-Organizational Psychology Production and 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 I Supply Chain Management	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3
IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133 WLD 111 WLD 113 Career Area Elective	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials Choose from ELT, HAC, IMM, LAN, MDT, CIS, WLD	3 2 3 3 3 3 2 2 3 3 3 60	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 340 -or- PSVC 323** IMAE 375 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 465 IMAE 470A IMAE 470B IMAE 476 PHYS 203/253B IMAE Electives	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or- Organizational Psychology Production and 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 College Physics/Lab (Must be at 300/400 level)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
IMM 103 IMM 107 IMM 20 IMM 220 IST 109 MTH 133 WLD 111 WLD 113	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials Choose from ELT, HAC, IMM, LAN, MDT, CIS, WLD	3 2 3 3 3 3 2 2 3 3 3 60	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 307 IMAE 307 IMAE 375 IMAE 375 IMAE 379 IMAE 390 IMAE 390 IMAE 390 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 446 IMAE 470A IMAE 470B IMAE 476 PHYS 203/253B	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or- Organizational Psychology Production and 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 College Physics/Lab (Must be at 300/400 level)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3
IMM 101 IMM 103 IMM 107 IMM 120 IMM 220 IST 109 MTH 133 WLD 111 WLD 113 Career Area Elective	Mechanical Systems I Machinery Moving and Set-Up Mechanical Systems II Fluid Power I: Basic Circuits Fluid Power II: Intermediate System Prints for Industry Math for Industry Basic Arc/Gas Welding I Basic Metallurgy and Materials Choose from ELT, HAC, IMM, LAN, MDT, CIS, WLD	3 2 3 3 3 3 2 2 3 3 3 60	IMAE 110 IMAE 208 (Required for BS degree) IMAE 305 IMAE 307 IMAE 340 -or- PSVC 323** IMAE 375 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 465 IMAE 470A IMAE 470B IMAE 476 PHYS 203/253B IMAE Electives	al electives and the following course requirements for rial Management & Applied Engineering.  Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processess Industrial Safety Applied Calculus for Technology Introduction to Supervision -or- Organizational Psychology Production and 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 College Physics/Lab (Must be at 300/400 level)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3