PROGRAM ARTICULATION DEGRE	E PLAN				
Kankakee Community College	2021-2022		Southern Illinois University Carbondale		
AAS Welding Technology - 64 hours			BS Industrial Management and Applied Enginee	ring (IMAE) - 120 hrs	
3			University Core Curriculum (UCC) Capstone		
		Hrs	, , , , , , , , , , , , , , , , , , , ,		Hrs
			UNIV 101	Saluki Success	NA
ENGL 1613	English I	3	ENGL 101	English Composition I	T
MATH 1814*	Engion		ENGL 102	English Composition II	NA NA
			CMST 101	Intro to Oral Communication	3
	College Algebra	4	MATH 108 (Required for BS degree)	College Algebra	T
		3		College Algebra	T
SOCY 2513	Sociology	3	SOCIAL SCIENCE		3
			SOCIAL SCIENCE		
			HUMANITIES		3
			HUMANITIES		NA
			PHYS 203/253A	College Physics/Lab	4
			LIFE SCIENCE, GRP II	Students take 2 physics courses	NA
			FINE ARTS		3
			HUMAN HEALTH		NA
*Recommended to fulfill SIUC BS deg	gree requirements		MULTICULTURAL		3
		10			19
Program Requirements	AutoCADI	1	Program Requirements		
COGT 2114	AutoCAD I	4			
ELTR 1004	Fundamentals of Electricity	4			L
ELTR 1402	Industrial Safety	2			
MCHN 1214	Machine Tool I	4			
MCHN 1224	Machine Tool II	4			
PSCI 1114	Applied Technical Science	4	The AAS in Welding Technology as articular	ted fulfills the 22 hrs of technical elective courses required f	for the BS
	Applied Technical Science Basic Welding	4		ted fulfills the 22 hrs of technical elective courses required f	for the BS
WELD 1114				ted fulfills the 22 hrs of technical elective courses required for trial Management & Applied Engineering.	for the BS
WELD 1114 WELD 1124	Basic Welding	4		•	for the BS
WELD 1114 WELD 1124 WELD 1263	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment	4		•	for the BS
WELD 1114 WELD 1124 WELD 1263 WELD 2044	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding	4 4 3		•	for the BS
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding	4 4 3 4		•	for the BS
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding	4 4 3 4 4 4		•	for the BS
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172	4 4 3 4 4 4	degree in Indus	trial Management & Applied Engineering.	for the BS
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3	degree in Indus	trial Management & Applied Engineering.	T
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172	4 4 3 4 4 4 4 3 3	degree in Indus	trial Management & Applied Engineering.	T T
PSCI 1114 WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603 COSC 1513	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3	MGMT 202	Business Communications Computing Business Admin	T
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B	Business Communications Computing Business Admin College Physics/Lab	T T 4
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing	T T 4 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes	T T 4 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety	T T 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus	T T 4 3 3 3 3 3-4
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323**	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology	T T 4 3 3 3 3 3-4 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management	T T 4 3 3 3 3 3-4 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323**	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology	T T 4 3 3 3 3 3-4 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design	T T 4 3 3 3 3 3-4 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating	T T 4 3 3 3 3-4 3 3 3 3 3 3 4 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 375 IMAE 390 IMAE 390	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design	T T 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323*** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing	T T T 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing Project Management	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 465	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided 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
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 465 IMAE 470A	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I	T T 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 - or- MATH 140 IMAE 340 - or- PSYC 323** IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 465 IMAE 470A IMAE 470B	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II	T T T 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE 470B	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided 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
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 - or- MATH 140 IMAE 340 - or- PSYC 323** IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 465 IMAE 470A IMAE 470B	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided 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
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE 470B	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided 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
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603 COSC 1513	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication Introduction to Information Processing	4 4 3 4 4 4 4 3 3	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE Electives	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided 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
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2224 WELDING Electives COMM 1603	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication Introduction to Information Processing	4 4 4 4 4 4 3 3 3 55	MGMT 202 ITEC 229 PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE 470B	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 6 6 55-56
WELD 1114 WELD 1124 WELD 1263 WELD 2044 WELD 2124 WELD 2124 WELD 1106 Electives COMM 1603 COSC 1513	Basic Welding Advanced Arc Welding Metallurgy and Heat Treatment Pipe Welding Tungsten Inert Gas Welding Metallic Inert Gas Welding Choose 2 from WELD 2062, 2072, and 2172 Business Communication Introduction to Information Processing	4 4 4 4 4 4 3 3 3 55	MGMT 202 ITEC 229  PHYS 203B/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE Electives	Business Communications Computing Business Admin  College Physics/Lab Geometric Dimensioning and Tolerancing Manufacturing Processes Industrial Safety Applied Calculus for Tech -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer-Aided Manufacturing Project Management Lean Manufacturing Six Sigma Green Belt I Six Sigma Green Belt II Supply Chain Management (Must be at 300/400 level)	T T T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 6 6 55-56