PROGRAM ARTICULATION DEGR	REE PLAN				
City Colleges of Chicago (Daley)			Southern Illinois Univers	ity Carbondale	
AAS Industrial Supervision Enginee		'		& Applied Engineering (IMAE) - 120 hrs	
<u> </u>				um (UCC) - 30 hrs Capstone Option	
		Hrs			Hrs
		1	UNIV 101	Saluki Success	NA
			CMST 101	Intro Oral Communication	3
ENGLISH 101	Composition	3	ENGL 101	English Composition I	l T
ENGLIGHT 101	Composition	Ť	ENGL 102	English Composition II	NA NA
MATH 140	College Algebra	4	MATH 108	College Algebra	T
	IAI Social & Behavioral Science*	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	Ť
	IAI Social & Beriavioral Science	- 3	SOCIAL SCIENCE	See SIDC Transier Equivalency Guide	3
	IAI Humanities/Fine Arts*	-		Can CILIC Transfer Favir relenas Cuido	T
	IAI numanilles/Fine Arts	3	HUMANITIES	See SIUC Transfer Equivalency Guide	
	O I Blood I	+ .	HUMANITIES	0 11	NA NA
PHYSICS 231	General Physics I	4	PHYS 203A -and- 253A	College Physics w/Lab	T
			LIFE SCIENCE		3
			FINE ARTS	,	3
			HUMAN HEALTH		NA
			MULTICULTURAL		_ 3
		17			15
*At least 1 course must meet Human	n Diversity requirements				
Program Requirements		+	Program Requirements		
340 MFGT 105	Intro to Advanced Macrifostories I	-	r rogram Nequirements	l	
	Intro to Advanced Manufacturing I	3	-		
340 MFGT 106	Intro to Advanced Manufacturing II	3	4		
340 MFGT 107	Intro to Advanced Manufacturing III	3			
340 MFGT 108	Robotics I	3			
340 MFGT 109					
	Introduction to Manual Machining	3			
340 MFGT 110	Introduction to Manual Machining CNC I Operations	3			
340 MFGT 110	CNC I Operations	3	The AAS degree in Indu	strial Supervision Engineering Technology as ar	ticulated
340 MFGT 110 340 MFGT 153 -or- 195	CNC I Operations Welding I GMAW -or- Manual Machining II	3			
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance	3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I	3 3 3 3	fulfills the 15 hrs of tec		
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II	3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I	3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business	3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management	3 3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management	3 3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	fulfills the 15 hrs of tec	hnical elective course requirements for the BS de	
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	fulfills the 15 hrs of tec Industrial	chnical elective course requirements for the BS do Management & Applied Engineering (IMAE). College Physics w/Lab	egree in
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	fulfills the 15 hrs of tec Industrial PHYS 203B -and- 253B IMAE 110	chnical elective course requirements for the BS de Management & Applied Engineering (IMAE). College Physics w/Lab Geometric Dimensioning & Tolerancing	egree in
340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	PHYS 203B -and- 253B IMAE 110 IMAE 208	chnical elective course requirements for the BS de Management & Applied Engineering (IMAE). College Physics w/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes	egree in 4 3 3
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340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	PHYS 203B -and- 253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 392 IMAE 392 IMAE 442 IMAE 445	content to the BS de Management & Applied Engineering (IMAE). College Physics w/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	4 3 3 3 3 3 3 3 3 3
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340 MFGT 110 340 MFGT 153 -or- 195 340 MFGT 171 340 MFGT 188 340 MFGT 272 340 MFGT 287 BUSINES 111 BUSINES 269 BUSINES 271	CNC I Operations Welding I GMAW -or- Manual Machining II Automated Metrology-Quality Assurance Industrial Electricity I Quality Systems II Maintenance Technologies I Intro to Business Principles of Management Human Resources Management	3 3 3 3 3 3 3 3 3 3	PHYS 203B -and- 253B IMAE 110 IMAE 208 IMAE 307 IMAE 307 IMAE 340 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B	college Physics w/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech 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	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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