PROGRAM ARTICULATION DE					
Kaskaskia College	2022-2023		Southern Illinois University Carbondale		
AAS Industrial Automation - 63 h	ours		BS Industrial Management and Applied Engi		
			UNIVERSITY CORE CURRICULUM (UCC)	CAPSTONE OPTION - 30 hrs	
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
SPCH 103* (Area B Elective)	Fundamentals of Speech	3	CMST 101	Intro to Oral Communication	T
ENGL 101	English Composition	3	ENGL 101	English Composition I	T
1			ENGL 102		NA
MATH 134*	College Algebra	3	MATH 108 (Required for BS degree)	College Algebra	T
BUSN 206* (Area D Elective)	Personal Finance	3	FIN 200	Personal Finance	Т
PSYH 101 -or- SOCO 101	Psychology -or- Sociology	3	PSYC 102 -or- SOC 108	Intro to Psychology -or- Intro to Sociology	T
	· · · · · · · · · · · · · · · · · · ·		HUMANITIES	•	3
			HUMANITIES		NA
			PHYS 203/253A (Required for BS degree)	College Physics/Lab	4
			LIFE SCIENCE	g,	3
			FINE ARTS		3
			HUMAN HEALTH		NA
SOCO 252* (Area C Elective)	Marriage & Family	3	MULTICULTURAL	(See SIUC Transfer Equivalency Guide)	T
	marrage a ranny		WIGETIOOETOTAL	(Occ 0100 Transier Equivalency Guide)	13
*Recommended to fulfill SIUC BS	C degree requirements	18	_		10
Necommended to fulfill SIOC BS	o degree requirents	10			
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Program Requirements	D.C. Evendamanutala		Program Requirements		
INDT 105	D.C. Fundamentals	3	-		
INDT 106	A.C. Fundamentals	3			
INDT 110	Fluid Power	3			
INDT 112	Basic Digital	3			
INDT 120	Drives and Motors	3			
INDT 132	Introduction to CNC	3			
INDT 132 INDT 190	Introduction to CNC Industrial Robotics	3	The AAS degree in Industrial Automatic	on as articulated fulfills the 22 hrs of technical electiv	a coursa
		3 4		on as articulated fulfills the 22 hrs of technical electiv	
INDT 190	Industrial Robotics	3		on as articulated fulfills the 22 hrs of technical electiv n Industrial Management & Applied Engineering (IMA	
INDT 190 INDT 210-or- DFTG 202	Industrial Robotics Engineering Design -or- Inventor	3 4			
INDT 190 INDT 210-or- DFTG 202 INDT 220	Industrial Robotics Engineering Design -or- Inventor Solid State	3 4 3			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl.	3 4 3 2 3			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E	3 4 3 2			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control	3 4 3 2 3 3			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making	3 4 3 2 3 3 3 1			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 1	requirements for the BS degree in	n Industrial Management & Applied Engineering (IMA	Æ).
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making	3 4 3 2 3 3 3 1 2 2			
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 1	requirements for the BS degree in	n Industrial Management & Applied Engineering (IMA Manufacturing Processsess	T
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B	n Industrial Management & Applied Engineering (IMA Manufacturing Processsess College Physics/Lab	T 4
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing	T 4 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305	Manufacturing Processess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety	T 4 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 - or- MATH 140	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc	T 4 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323**	Manufacturing Processess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych	T 4 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management	T 4 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 305 IMAE 340 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 442	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 442	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 442 IMAE 445	Manufacturing Processess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 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	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 465 IMAE 470A	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 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 445 IMAE 450 IMAE 465 IMAE 470A IMAE 470B	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 307 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470 IMAE 470B IMAE 476 IMAE Electives	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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 (Must be at 300/400 level)	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470 IMAE 470B IMAE 476 IMAE Electives	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122 DFTG 118	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading Manufacturing Processes	3 4 3 2 3 3 3 1 1 2 3 45	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 446 IMAE 470A IMAE 470B IMAE 470B IMAE 470B IMAE Electives **PSYC 323 is an option for on-campus study	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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 (Must be at 300/400 level) Ients only & requires PSYC 102 as a prerequisite	T 4 3 3 3 3 3 3 3 3 3 3 3 6 52
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading Manufacturing Processes	3 4 3 2 3 3 3 1 2 2	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470 IMAE 470B IMAE 476 IMAE Electives	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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 (Must be at 300/400 level) Ients only & requires PSYC 102 as a prerequisite	T 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122 DFTG 118	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading Manufacturing Processes	3 4 3 2 3 3 3 1 1 2 3 45	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 446 IMAE 470A IMAE 470B IMAE 470B IMAE 470B IMAE Electives **PSYC 323 is an option for on-campus study	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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 (Must be at 300/400 level) Ients only & requires PSYC 102 as a prerequisite	T 4 3 3 3 3 3 3 3 3 3 3 6 52 65
INDT 190 INDT 210-or- DFTG 202 INDT 220 INDT 270 INDT 276 INDT 280 INEI 115 OFTC 108 -or-PHLE 119 DFTG 129-or- INDT 122 DFTG 118	Industrial Robotics Engineering Design -or- Inventor Solid State Electrical Safety 70E Indust. Elect. Control Systems Appl. Program Control Concepts & Appl. Instrument and Process Control Intro to Keyboarding-or-Core Values & Ethical Decision Making Blueprint Reading Machine Trades -or-Print reading Manufacturing Processes	3 4 3 2 3 3 3 1 1 2 3 45	requirements for the BS degree in IMAE 208 (Required for BS degree) PHYS 203/253B IMAE 110 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 446 IMAE 470A IMAE 470B IMAE 470B IMAE 470B IMAE Electives **PSYC 323 is an option for on-campus study	Manufacturing Processsess College Physics/Lab Geometric Dimensioning and Tolerancing Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych 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 (Must be at 300/400 level) Ients only & requires PSYC 102 as a prerequisite	T 4 3 3 3 3 3 3 3 3 3 3 3 6 52