	LAN				
Richland Community College	2021-2022		Southern Illinois University Carbondale		
AAS Engineering Technology - Sequestra	ition Specialty - 67 hrs		BS Industrial Management and Applied Enginee		
			University Core Curriculum (UCC) Capstone	Option - 30 hrs	
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
ENGL 101	English Composition I	3	ENGL 101	English Composition I	Т
	Zinglien Gempeenden i	ŭ	ENGL 102	English Composition II	NA
COMM 101	Public Speaking	3	CMST 101	Intro to Oral Communication	T
MATH 116*	College Algebra	4	MATH 108 (Required for BS degree)	College Algebra	T
MATH 116*	College Algebra	4	SOCIAL SCIENCE	College Algebra	
					3
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
EASCI 220	Intro to Physical Geography	4	GEOL 220/223	The Dynamic Earth/Geology Lab	Т
BIOL 210 *Recommended to fulfill BS requirement	Environmental Biology	4	PLB 3011	Environmental Issues	Т
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		18			15
		10			
Program Requirements			Program Requirements		
CCS 115	Intro to Carbon Capture & Storage	3	r rogram Nequitements		
CCS 115 CCS 275			-		
	Advanced Sequestration Applications	4	-		
ENGT 101	Motor Control Fundamentals	4			
ENGT 103	Fluid Power Fundamentals	3			
ENGT 105	Occupational Safety	3			
ENOT 444	Motor Control Applications	4	The AAS degree in Engineering Technology - Sequestration as articulated fulfills the 22 hrs of technical elective		
ENGT 111					
ENGT 111 ENGT 120	Process Control Fundamentals	3			
ENGT 120	Process Control Fundamentals			ee in Industrial Management & Applied Engineering.	
ENGT 120 ENGT 131	Process Control Fundamentals Maintenance Fundamentals	4			
ENGT 120 ENGT 131 ENGT 160	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control	4 3			
ENGT 120 ENGT 131 ENGT 160 ENGT 210	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals	4 3 4			
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications	4 3 4 3			
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals	4 3 4 3 2			
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 221 ENGT 231 ENGT 234	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications	4 3 4 3 2 2	required for the BS degr	ee in Industrial Management & Applied Engineering.	
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 2 2 3	required for the BS degr	ee in Industrial Management & Applied Engineering.	T
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 221 ENGT 231 ENGT 234	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications	4 3 4 3 2 2 3 4	required for the BS degr	ee in Industrial Management & Applied Engineering.	
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 2 2 3	required for the BS degr	ee in Industrial Management & Applied Engineering.	T
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr	ee in Industrial Management & Applied Engineering.	T
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab	T
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab	T T 4 4
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 2038/253B IMAE 208	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes	T T 4 4 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety	T T 4 4 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus	T T 4 4 3 3 3-4
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degre IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 307 -or- MATH 140 IMAE 307 -or- PSYC 323**	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology	T T 4 4 3 3 3 3 4 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degre IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 307 -or- PSYC 323** IMAE 375	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management	T T 4 4 3 3 4 3 3 4 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 205 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 355 IMAE 390	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating	T T 4 4 3 3 3-4 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degree) IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 205 IMAE 305 IMAE 305 IMAE 306 IMAE 375 IMAE 390 IMAE 392	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design	T T 4 4 3 3 3 4 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 205 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 355 IMAE 390	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	T T 4 4 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degree) IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 205 IMAE 305 IMAE 305 IMAE 306 IMAE 375 IMAE 390 IMAE 392	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design	T T 4 4 3 3 3 4 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degree) IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 205 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 392 IMAE 442	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	T T 4 4 3 3-4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 392 IMAE 445 IMAE 445 IMAE 450	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management	T T 4 4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degree) IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 442 IMAE 445 IMAE 450 IMAE 465	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing Project Management Lean Manufacturing	T T 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degree) MATH 282 PHYS 203/253A PHYS 203/253A PHYS 203B/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 375 IMAE 392 IMAE 445 IMAE 445 IMAE 465 IMAE 470A	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 4 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degre IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 470 IMAE 450 IMAE 450 IMAE 470B IMAE 470B IMAE 470B IMAE 476	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 4 3 3-4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degre IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading	4 3 4 3 2 2 3 4	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 470 IMAE 445 IMAE 450 IMAE 470 IMAE 470 IMAE 470 IMAE 470 IMAE 476	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 4 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 231 ENGT 234 ENGT 102 MATH 113	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading Intro to Applied Statistics	4 3 4 3 2 2 3 4 49 49	required for the BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 340 -or- PSYC 323** IMAE 390 IMAE 392 IMAE 435 IMAE 450 IMAE 445 IMAE 450 IMAE 470B IMAE 470B IMAE 476 IMAE 476 IMAE Electives	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 4 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 220 ENGT 231 ENGT 234 ENGT 102	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading Intro to Applied Statistics	4 3 4 3 2 2 3 4 49 49	required for the BS degr IMAE 110 (Required for BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 305 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 390 IMAE 390 IMAE 470 IMAE 445 IMAE 450 IMAE 470 IMAE 470 IMAE 470 IMAE 470 IMAE 476	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 231 ENGT 234 ENGT 102 MATH 113	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading Intro to Applied Statistics	4 3 4 3 2 2 3 4 49 49	required for the BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 340 -or- PSYC 323** IMAE 390 IMAE 392 IMAE 435 IMAE 450 IMAE 445 IMAE 450 IMAE 470B IMAE 470B IMAE 476 IMAE 476 IMAE Electives	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ENGT 120 ENGT 131 ENGT 160 ENGT 210 ENGT 231 ENGT 234 ENGT 102 MATH 113	Process Control Fundamentals Maintenance Fundamentals Metrology and Quality Control PLC Fundamentals Process Control Applications Piping Fundamentals Pump Applications Blueprint Reading Intro to Applied Statistics	4 3 4 3 2 2 3 4 49 49	required for the BS degree) MATH 282 PHYS 203/253A PHYS 203/253B IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 340 -or- PSYC 323** IMAE 390 IMAE 392 IMAE 435 IMAE 450 IMAE 445 IMAE 450 IMAE 470B IMAE 470B IMAE 476 IMAE 476 IMAE Electives	Geometric Dimensioning & Tolerancing Intro to Statistics College Physics/Lab College Physics/Lab College Physics/Lab Fundamentals of Manufacturing Processes Industrial Safety Applied Calculus for Technology -or- Short Course in Calculus Intro to Supervision -or- Organizational Psychology 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 I Supply Chain Management	T T 4 4 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3