PROGRAM ARTICULATION DEGREE PLAN					
Spoon River College 2023-2024			Southern Illinois University Carbondale		
AAS Diesel and Power Systems Technology - 7	70 hrs		BS Industrial Management and Applied Engin	neering (IMAE) - 120 hrs	1
, , , , , , , , , , , , , , , , , , , ,			University Core Curriculum (UCC) Capsto		
		Hrs	()		Hrs
			UNIV 101	Saluki Success	NA
			CMST 101	Intro:Oral Communication	3
*ENG 101	English Composition I	3	ENGL 101	English Composition I	T
	English Composition i		ENGL 102	English Composition II	NA
*MAT 125	College Algebra	3	MATH 108 (Required for BS degree)	College Algebra	T
TMAT 125	IAI SOCIAL/BEHAVIORAL SCIENCE	3	SOCIAL SCIENCE	See SIUC Equivalency Guide	Ť
	IAI SOCIAL/BEI IAVIOIVAE SCIENCE	3	SOCIAL SCIENCE	See SIOC Equivalency Guide	3
			HUMANITIES		3
			HUMANITIES	0 5 :	NA
			PHYS 203/253A (Required for BS degree)	College Physics/Lab	4
			LIFE SCIENCE		3
			FINE ARTS		3
	IAI HEALTH	2	HUMAN HEALTH	See SIUC Equivalency Guide	Т
			MULTICULTURAL		3
		11			22
Program Requirements			Program Requirements		
DTT 101	Engine Systems I	3			
DTT 102	Engine Systems II	3			
DTT 104	Starting Circuits	3	1		
DTT 105	D.C. Charging and Other Circuits	3			
DTT 125	Tractor Overhaul	9			
DTT 130	Parts Department Procedures	1	+		
DTT 140	Harvesting Equipment	2	_		
DTT 145	Vehicle Air Cond. Systems Operations	2.5	-		
DTT 143	Dealership Management	3	4		
DTT 215			The AAS degree in Diesel and Power	Systems Technology as articulated fulfills the 15	hrs of
D11 Z15				Cyclomic recimelegy as articulated running the re-	• • .
	Supervised Coop Experience I	4			
DTT 220	Supervised Coop Experience II	4	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225	Supervised Coop Experience II Introduction to Diesel	3	technical electives and the following		
DTT 220 DTT 225 DTT 230	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics	3 3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions	4 3 3 3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business	4 3 3 3 3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding	4 3 3 3 3 2	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business	4 3 3 3 3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following:	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA	4 3 3 3 3 2 1-3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding	4 3 3 3 3 2	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HES 110 or RRT 138 Choose 2 from the following: DDT 240	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA	4 3 3 3 3 2 1-3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 -or- RT 137	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel	4 3 3 3 3 2 1-3	technical electives and the following	g course requirements for the BS degree in Indus	
DTT 220 DTT 225 DTT 230 DTT 230 DTT 235 CSC 101 WEL 100 WEL 100 r RRT 138 Choose 2 from the following:	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following	g course requirements for the BS degree in Indus ent & Applied Engineering.	
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 -or- RT 137	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem	g course requirements for the BS degree in Indus lent & Applied Engineering. College Physics/Lab	The state of the s
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem Managem 3 PHYS 203/253B IMAE 110	g course requirements for the BS degree in Industent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing	4 3
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208	g course requirements for the BS degree in Industent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes	4 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305	g course requirements for the BS degree in Indusent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety	4 3 3 3
DTT 220 DTT 225 DTT 230 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech -or- Short Course in Calc	4 3 3 3 3-4
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 - or- MATH 140 IMAE 340 - or- PSYC 323**	course requirements for the BS degree in Industent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych	4 3 3 3 3-4 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 307 -or- MATH 140 IMAE 307 -or- PSYC 323** IMAE 375	course requirements for the BS degree in Industent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management	4 3 3 3 3-4 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating	4 3 3 3 3-4 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 DDT 245 - or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392	g course requirements for the BS degree in Indusent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3-4 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes Industrial Safety Applied Calc for Tech -or- Short Course in Calc Intro to Supervision -or- Organizational Psych Production and Inventory Management Cost Estimating	4 3 3 3 3-4 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 392	g course requirements for the BS degree in Indusent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3 3-4 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 245 DDT 245 - or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IIMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IIMAE 340 -or- PSYC 323** IIMAE 375 IIMAE 370 IIMAE 390 IIMAE 392 IIMAE 442	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	44 33 33 3-4 33 33 33
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 307 -or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445	course requirements for the BS degree in Industent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3 3-4 3 3 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 305 IMAE 307 - or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 465	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 230 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 340 -or- PSYC 323** IMAE 375 IMAE 390 IMAE 390 IMAE 442 IMAE 445 IMAE 445 IMAE 450 IMAE 450 IMAE 470A	g course requirements for the BS degree in Indusent & Applied Engineering. College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3-4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B MAE 110 IMAE 208 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 465 IMAE 470A IMAE 470A	College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3 3-4 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B MAE 110 IMAE 208 IMAE 307 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 470B	College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B IMAE 4706 IMAE Electives	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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 Supply Chain Management (Must be at 300/400 level)	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 230 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 3 2 1-3 4 3-4 2.5	technical electives and the following Managem 3 PHYS 203/253B MAE 110 IMAE 208 IMAE 307 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 470B	college Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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 Supply Chain Management (Must be at 300/400 level)	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 230 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250 *Recommended to fulfill SIUC BS degree requi	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 3-4 58.5-6:	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 307 - or- MATH 140 IMAE 340 - or- PSYC 323** IMAE 375 IMAE 392 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470A IMAE 470B IMAE 476 IMAE Electives **PSYC 323 is an option for on-campus students	College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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) s only & requires PSYC 102 as a prerequisite	4 3 3 3 3-4 3 3 3 3 3 3 3 3 3 3 3 5 5 5 5 5 5 5 5
DTT 220 DTT 225 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 3-4 58.5-6:	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 305 IMAE 307 -or- MATH 140 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 445 IMAE 445 IMAE 470A IMAE 470B IMAE 4706 IMAE Electives	College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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) s only & requires PSYC 102 as a prerequisite	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DTT 220 DTT 225 DTT 230 DTT 235 CSC 101 WEL 100 HS 110 or RRT 138 Choose 2 from the following: DDT 240 DDT 245 -or- RT 137 DDT 250 *Recommended to fulfill SIUC BS degree requi	Supervised Coop Experience II Introduction to Diesel Intro. To Hydraulics & Pneumatics Intro. To Transmissions Computer Applications for Business Introduction To Welding Safety and the Workplace OR Locomotive FRA Advanced Diesel Advanced Hydraulics -or- Locomotive Airbrake Advanced Transmissions	4 3 3 3 2 1-3 4 3-4 3-4 58.5-6:	technical electives and the following Managem 3 PHYS 203/253B IMAE 110 IMAE 208 IMAE 307 - or- MATH 140 IMAE 340 - or- PSYC 323** IMAE 375 IMAE 392 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470A IMAE 470B IMAE 476 IMAE Electives **PSYC 323 is an option for on-campus students	College Physics/Lab Geometric Dimensioning & Tolerancing Fundamentals of Manufacturing Processes 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) s only & requires PSYC 102 as a prerequisite	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3