Harper College	2024-2025		Southern Illinois University	Carbondale	
AAS Manufacturin	g Technology - Supply Chain Management/Logistics - 60) hrs		Applied Engineering (IMAE) - 120 hrs	
		T		(UCC) CAPSTONE OPTION - 30 hrs	
		Hrs			Н
		1	UNIV 101	Saluki Success	N
			CMST 101	Intro: Oral Communication	
ENG 101	Composition	3	ENGL 101	English Composition I	
2110 101	Composition	Ť	ENGL 102	English Composition II	N
MTH 103	College Algebra	3	MATH 108	College Algebra	
M1H 103	IAI Social Science*		SOCIAL SCIENCE	(See SIUC Equivalency Guide)	
	IAI Social Science	- 3	SOCIAL SCIENCE	(See Stoc Equivalency Guide)	
	IAI Humanities*	-	HUMANITIES	(See SIUC Equivalency Guide)	:
	IAI Humanities	3		(See STOC Equivalency Guide)	
		_	HUMANITIES	0 5 : "	N
			PHYS 203A -and- 253A	College Physics w/Lab	4
			LIFE SCIENCE	[
	IAI Fine Arts*	3	FINE ARTS	(See SIUC Equivalency Guide)	
			HUMAN HEALTH		N
*One course must	satisfy a World Cultures and Diversity requirement		MULTICULTURAL		:
		15			1
Program Require			Program Requirements		
MFT 102	Intro to Manufacturing & Safety	4			
MFT 104	Quality & Measurement	2	1		
MFT 109	Intro to Manufacturing Maintenance	2	1		
MFT 119	Manufacturing Internship	2	1		
	Supply Chain Managemet	3	1		
SCM 101			An AAS in Manufacturing Technology - Suppy Chain Management/Logistics as		
SCM 101 SCM 120			An AAS in Manufacturi	ng Technology - Suppy Chain Management/Logist	ics as
SCM 120	Production Control	3			
SCM 120 SCM 122	Production Control Inventory Management	3	articulated fulfills the 15 hrs	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123	Production Control Inventory Management Transportation	3 3 3	articulated fulfills the 15 hrs		
SCM 120 SCM 122 SCM 123 SCM 124	Production Control Inventory Management Transportation Warehouse Operations	3 3 3 3	articulated fulfills the 15 hrs	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125	Production Control Inventory Management Transportation Warehouse Operations Procurement	3 3 3 3 3	articulated fulfills the 15 hrs	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning	3 3 3 3 3	articulated fulfills the 15 hrs	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3	articulated fulfills the 15 hrs	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial	s of technical elective course requirements for the I Management & Applied Engineering (IMAE).	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial	s of technical elective course requirements for the	
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial	s of technical elective course requirements for the I Management & Applied Engineering (IMAE). Fundamentals of Manufacturing Processes	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B	Fundamentals of Manufacturing Processes College Physics w/Lab	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision Production & Inventory Management Cost Estimating	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision Production & Inventory Management	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing Industrial Safety Applied Calc for Tech Intro to Supervision Production & Inventory Management Cost Estimating Facilities Planning & Workplace Design Fundamentals of Leadership Computer Integrated Manufacturing	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 445 IMAE 465	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IIMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 310 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 465 IMAE 470A IMAE 470B	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 310 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 465 IMAE 470A IMAE 470B	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Electives	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 8	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Elective: MFT 108	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration Manufacturing Processes	3 3 3 3 3 3 3 3 3 45	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE Elective	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management 300/400 level	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Elective: MFT 108	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration	3 3 3 3 3 3 3 3 3 45	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE 470B	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management 300/400 level	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Elective: MFT 108	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration Manufacturing Processes	3 3 3 3 3 3 3 3 3 45	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE Elective	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management 300/400 level	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Elective: MFT 108	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration Manufacturing Processes	3 3 3 3 3 3 3 3 3 45	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 375 IMAE 375 IMAE 390 IMAE 392 IMAE 442 IMAE 445 IMAE 450 IMAE 450 IMAE 470A IMAE 470B IMAE Elective	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management 300/400 level	BS degr
SCM 120 SCM 122 SCM 123 SCM 124 SCM 125 SCM 126 SCM 226 Technical Elective: MFT 108	Production Control Inventory Management Transportation Warehouse Operations Procurement Demand Planning Advanced Planning & Integration Manufacturing Processes	3 3 3 3 3 3 3 3 3 45	articulated fulfills the 15 hrs in Industrial IMAE 208 PHYS 203B -and- 253B IMAE 110 IMAE 305 IMAE 307 IMAE 340 IMAE 375 IMAE 390 IMAE 390 IMAE 442 IMAE 445 IMAE 450 IMAE 470A IMAE 470B IMAE 470B IMAE Elective	Fundamentals of Manufacturing Processes College Physics w/Lab Geometric Dimensioning & Tolerancing 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 Supply Chain Management 300/400 level	BS degr