PROGRAM ARTICULATION DEGREE PLAN					
Elgin Community College	*2024-2025*		*Southern Illinois University Carbondale*		
AAS Machine Tool Technology - 62.5 hrs			BS Technical Resource Management (TRM) - 120 hrs		
			University Core Curriculum (UCC) Capstone Option - 30 hrs		
		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
ENG 102	English Composition II	3	ENGL 102	English Composition II	T
			MATHEMATICS		3
	Social/Behavioral Science	3	SOCIAL SCIENCE	*See SIUC Transfer Eequivalency Guide*	T
			SOCIAL SCIENCE		3
	Humanities/Fine Arts	3	HUMANITIES	*See SIUC Transfer Eequivalency Guide*	T
			HUMANITIES		NA
			PHYSICAL SCIENCE		3
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		12			**21**
Program Requirements			**Program Requirements**		
IMT 103	Industrial Manufacturing Tech I	3			
IMT 104	Industrial Manufacturing Tech II	3			
IMT 107 -or- MTH 107	Technical Math I -or- Technical Math I	4			
IMT 108	Industrial Manufacturing Tech III	3			
IMT 110	Intro to CNC Programming I	4			
IMT 112	Metrology-The Study of Measurement	3			
IMT 119	Fabrication of Machine Parts	3	**The AAS degree in Machine Tool Technology meets the Career Electives requirement of 42 hours.**		
IMT 203	Manufacturing Process & Design Tech	3			
IMT 204	Industrial Manufacturing Tech V	5			
IMT 208	Basic Die Theory	4			
IMT 209	Basic Mold Theory	4			
IMT 214	Jig & Fixture Theory	2			
IST 121	Fluid Power Systems	3			
WEL 101	Welding I	2.5			
CAD 101	Intro to Engineering Design	4	ME 102 (elective)	Computer-Aided Engineering Drawing	T
		50.5			
			TRM 316	Applications of Technical Writing	3
			TRM 364	Work Center Management	3
			TRM 383	Data Applications & Interpretation	3
			TRM 425	Operations Management	3
			TRM 464	Managing for Quality	3
			TRM 470	Project Management	3
			TRM Support Courses	Select 2 from: TRM 332, 361, 362, 363E, 421, 440	6
			Approved Electives	300/400 Level	15
			TRM 319, 320, 350, 358	As necessary to meet 42 senior institution hour requirement	3
					42
Total semester hrs completed w/AAS degree:		**62.5**	**Total semester hrs completed w/BS degree:**		**63**
			Total hours to BS degree:		**125.5**
Degree Plan updated on 5/21/24 by SG					