

PROGRAM ARTICULATION DEGREE PLAN			
Elgin Community College 2022-2023		Southern Illinois University Carbondale	
AAS Industrial Manufacturing Technology - 63-64		BS Technical Resource Management (TRM) - 120 hrs	
		University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs	
		Hrs	Hrs
		UNIV 101	Saluki Success
		CMST 101	Intro:Oral Communication
ENG 101	English Composition I	3	ENGL 101
ENG 102	English Composition II	3	ENGL 102
			English Composition I
			English Composition II
			MATHEMATICS
SOCIAL/BEHAVIORAL SCIENCE	See SIUC Transfer Equivalency Guide	3	SOCIAL SCIENCE
			SOCIAL SCIENCE
			See SIUC Transfer Equivalency Guide
			3
HUMANITIES/FINE ARTS*	See SIUC Transfer Equivalency Guide	3	HUMANITIES
			See SIUC Transfer Equivalency Guide
			HUMANITIES
			PHYSICAL SCIENCE
			LIFE SCIENCE
			FINE ARTS
			HUMAN HEALTH
			MULTICULTURAL
			3
*See list of required Liberal Education courses		12	
Program Requirements		Program Requirements	
CAD 101	Introduction to Engineering Design	4	<p>An AAS in Industrial Manufacturing Technology from an accredited institution meets this requirement. An approved apprenticeship or a maximum of 30 semester hours of internship, work experience credit, or independent study may be part of these 42 hours.</p>
CAD 120	Introduction to SolidWorks	3	
IMT 103	Industrial Manufacturing Tech I	3	
IMT 104	Industrial Manufacturing Tech II	3	
IMT 107 -or- MTH 107	Technical Mathematics I -or- Technical Mathematics I	4	
IMT 108	Industrial Manufacturing Tech III	3	
IMT 110	Introduction to Cnc Programming I	4	
IMT 112	Metrology-The Study of Measurement	3	
IMT 204	Industrial Manufacturing Tech V	5	
IMT 220	Introduction to CNC Programming II	4	
IMT 221	Introduction to CNC Toolpath	4	
Industrial Electives	See Approved Electives	11-12	
		51-52	
		TRM 316	
		TRM 364	Work Center Management
		TRM 383	Data Applications & Interpretation
		TRM 425	Operations Management
		TRM 464	Managing for Quality
		TRM 470	Project Management
		TRM Support Courses	Select 2 from TRM 332, 361, 362, 421, 426, 440
		TRM Electives	Must be at 300/400 level
		TRM 319, 320, 350, 358	As necessary to meet 42 senior institution hour requirement
			42
Total semester hrs completed w/ AAS degree		63-64	Total semester hrs completed w/ BS degree
			64
		Total hours to BS degree:	
			127-128