

PROGRAM ARTICULATION DEGREE PLAN			
Delaware Technical Community College 2023-2024		Southern Illinois University Carbondale	
AAS Computer Aided Drafting/Design Technology - 66 hrs		BS Industrial Management and Applied Engineering (IMAE) - 120 hrs	
		University Core Curriculum (UCC) Capstone Option - 30 hrs	
		Hrs	Hrs
		UNIV 101	Saluki Success
		CMST 101	Intro to Oral Communication
ENG 101	Composition I	ENGL 101	English Composition I
ENG 102	Composition II	ENGL 102	English Composition II
MAT 183	Reasoning with Functions I	MATH 108 (required)	College Algebra
	SOCIAL SCIENCE	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
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		HUMANITIES	
		HUMANITIES	
PHY 205	General Physics I	PHYS 203/253A (Required)	College Physics/Lab
		LIFE SCIENCE, GRP II	
		FINE ARTS	
		HUMAN HEALTH	
		MULTICULTURAL	
*Recommended to fulfill BS requirement		21	15
Program Requirements		Program Requirements	
AET 164	Architectural CAD Applications	3	
EDD 161	Intro to CAD using MicroStation	3	
EDD 171	Intro to CAD using AutoCAD	3	
EDD 234	Engineering Drafting - Piping	3	
EDD 246	Engineering Drafting - Structural	3	
EDD 249	Engineering Design Process	3	
EDD 271	Advanced CAD	3	
EDD 272	Solid Modeling	3	
MET 115	Intro to Mechanical Engineering Tech	3	
MET 123	Modern Manufacturing Techniques	3	
SSC 100	First Year Seminar	1	
EDD 141	Engineering Drafting & Design I	4	
EDD 142	Engineering Drafting & Design II	3	
EDD 233	Engineering Drafting & Design III	3	
MAT 193	Reasoning with Functions II	4	
		45	
		PHYS 203B/253B	University Physics/Lab
		IMAE 208	Fundamentals of Manufacturing Processes
		IMAE 305	Industrial Safety
		IMAE 307	Applied Calculus for Technology
		IMAE 340 -or- PSYC 323**	Intro to Supervision -or- Organizational Psychology
		IMAE 375	Production & Inventory Management
		IMAE 390	Cost Estimating
		IMAE 392	Facilities Planning & Workplace Design
		IMAE 442	Fundamentals of Leadership
		IMAE 445	Computer Integrated Manufacturing
		IMAE 450	Project Management
		IMAE 465	Lean Manufacturing
		IMAE 470A	Six Sigma Green Belt I
		IMAE 470B	Six Sigma Green Belt II
		IMAE 476	Supply Chain Management
		IMAE Electives	(Must be at 300/400 level)
			49
<b>Total semester hrs completed w/ AAS degree</b>		<b>66</b>	<b>Total semester hrs completed w/ BS degree</b>
			<b>64</b>
<i>Degree Plan updated on 5/5/2023 by SW</i>		<b>Total hours to BS degree</b>	
		<b>129</b>	
**PSYC 323 is an option for on-campus students only & requires PSYC 102 as a prerequisite			