

MID-STATE TECHNICAL COLLEGE INDUSTRIAL MECHANICAL TECHNICIAN TO SOUTHERN ILLINOIS UNIVERSITY B.S. TECHNICAL RESOURCE MANAGEMENT TRANSFER GUIDE

Mid-State Technical College General Education Courses

Mid-State Catalog Number	Mid-State Course Name	University Catalog Number	University Course Name	Credits
10-801-195 OR 10-801-136	Written Communication OR English Composition 1 <i>Recommended course</i>	ENGL 101	English Composition 1	3
10-801-196 OR 10-801-198	Oral/Interpersonal Communication OR Speech <i>Recommended course</i>	GENL 1XX OR CMST 101	General Elective OR Intro to Oral Communication	3
10-809-166	Introduction to Ethics: Theory and Application	PHIL 104	Ethics	3
10-804-107	College Mathematics	MATH 125	Technical Math with Applications	3
10-809-198	Introduction to Psychology	PSYC 102	Intro to Psychology	3
10-809-103	Think Critically and Creatively	PHIL 105	Elementary Logic	3

Mid-State Technical College Program Courses

Mid-State Catalog Number	Mid-State Course Name	University Catalog Number	University Course Name	Credits
10-462-102	Bearings and Lubrication	GENL 1XX	General elective	2
10-462-104	Fluid Process Systems	GENL 1XX	General elective	3
10-462-106	Mechanical Power Transmission	GENL 1XX	General elective	3
10-462-107	Industrial Safety	GENL 1XX	General elective	2
10-462-110	Material Handling	GENL 1XX	General elective	2
10-462-120	Industrial Hydraulics and Pneumatics	GENL 1XX	General elective	3
10-462-122	Preventive, Predictive, & RCM	GENL 1XX	General elective	2
10-462-131	Industrial Electric Power Applications	GENL 1XX	General elective	2
10-462-132	Machine Shop Fundamentals	GENL 1XX	General elective	3
10-462-133	Electric Controls for Industrial Automation	GENL 1XX	General elective	3
10-462-134	Industrial Mechanical Capstone	GENL 1XX	General elective	2
10-605-105	Electrical Circuits I	GENL 1XX	General elective	3
10-605-117	Automation 1-Beginning PLC	GENL 1XX	General elective	3
10-605-118	Automation 2-Advanced PLC	GENL 1XX	General elective	3
10-623-106	Intro to AutoCAD	GENL 1XX	General elective	1
10-623-114	Intro to Inventor	GENL 1XX	General elective	1
10-457-119	Fabrication Fundamentals 1	GENL 1XX	General elective	1
10-457-120	Fabrication Fundamentals 2	GENL 1XX	General elective	1
31-442-320	Welding Foundations 1	GENL 1XX	General elective	1
31-442-321	Welding Foundations 2	GENL 1XX	General elective	1

Remaining Courses to Complete at Southern Illinois University

University Catalog Number	University Course Name	Credits
Social Science	Choose from course list	3
Physical Science	Choose from course list	3
Life Science	Choose from course list	3
Fine Arts	Choose from course list	3
Multicultural	Choose from course list	3
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, TRM 361, TRM 362, TRM 363E, TRM 421, TRM 440	6
Approved Electives	300/400 Level	15
TRM 319 OR TRM 320 OR TRM 350 OR TRM 358	As necessary to meet 42 senior institution hour requirement	3
GENL 1XX	As needed to reach 120 hours	3

Total Credits Completed at Southern Illinois University

60

Additional Information

- Each candidate for a bachelor's degree must complete the requirements listed:
 - Hour Requirements: Student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.
 - Residence Requirements: Student must complete the residency requirement by taking a total of 42 semester hours at SIU Carbondale.
 - Grade Point Average Requirements: Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.