

ENGINEERING TECHNOLOGIES A.A.S.

Associate in Applied Science

Automation Concentration

Degree Sheet

2024 - 2025 Catalog

General Education Courses			22 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]
Select One:				3	ENGL 1113
ENGL	1213	English Composition II			
ENGL	2333	Introduction to Technical Report Writing			
Select One:				3	[R] [W]
SPCH	1113	Introduction to Speech Communication			
SPCH	2723	Interpersonal Communication			
Select One:				3	[R] [W]
HIST	1483	U.S. History to 1865			
HIST	1493	U.S. History since 1865			
POLS	1113	American Government		3	[R] [W]
MATH	1513	Precalculus I		3	[M]
PHYS	1114	General Physics I		4	[R], MATH 1483 or MATH 1513
Support and Related Courses			3 Credit Hours		
CIS	1123	Programming Fundamentals		3	[R]
Technical Occupational Specialty			35 Credit Hours		
ENGT	1001	Introduction to Industry		1	[R] [W]
ENGT	1113	Essentials of Mechanical & Architectural Drafting		3	None
ENGT	1103	Introduction to Manufacturing Processes and Materials		3	[R] [W] [M]
ENGT	1104	Fundamentals of Electricity		4	Coreq: MATH 1513
ENGT	1203	Introduction to Additive Manufacturing		3	None
ENGT	2313	Hydraulics and Mechanical Systems		3	None
ENGT	2303	Quality Methods in Engineering		3	ENGT 1103, MATH 1513
ENGT	2333	Programmable Logic Controllers		3	CIS 1123
ENGT	2323	Process Management		3	ENGT 1103
ENGT	2443	Engineering Instrumentation		3	ENGT 2303
ITD	2453	Industrial Data Communications		3	[R]
<i>Select one of the following for 3 credit hours of approved electives</i>					
ENGT	2473	Advanced Quality Methods		3	ENGT 2303, ENGL 2333, MATH 1513
ENGT	2483	Manufacturing Techniques		3	ENGT 1103, ENGT 1203

Total to Graduate 60

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 15 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

- FA= Fall, SP=Spring, SU=Summer
- [R] Reading Proficiency/Placement
- [W] Writing Proficiency/Placement
- [M] Math Proficiency/Placement