

ENGINEERING TECHNOLOGIES B. T.**Bachelor of Technology****Automation Concentration****Degree Sheet**

2024-2025 Catalog

General Education Requirements			40 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]
ENGL	1213	English Composition II		3	ENGL 1113
Select One				3	[R] [W]
SPCH	1113	Introduction to Speech Communication			
SPCH	2723	Interpersonal Communication			
Select One:				3	[R] [W]
HIST	1483	US History to 1865			
HIST	1493	US History Since 1865			
POLS	1113	American Government		3	[R] [W]
PSYC	1113	Introductory Psychology		3	[R] [W]
Select One:				3	[R] [W]
PHIL	1213	Introduction to Ethics			
PHIL	1313	Critical Thinking			
SOC	3623	Cultural Diversity		3	Junior Standing
Select any 3 credit hours of college-level science courses					
				3	Varies
PHYS	1114	General Physics I		4	[R], MATH 1483 or MATH 1513
MATH	1513	Precalculus I		3	[M]
STAT	2013	Elementary Statistics		3	[M]
MATH	2103	Business Calculus		3	MATH 1483
Support and Related Courses			6 Credit Hours		
CIS	1123	Programming Fundamentals		3	[R]
MGMT	2143	Organizational Leadership		3	[R] [W]
Completed Associate Degree			35 Credit Hours		
Engineering Technology A.A.S. degree with 35 technical hours				35	Varies
Selective admission into the following courses is required, based on certain criteria. For admission requirements, visit osuokc.edu/ENGT					
Required Core Courses			40 Credit Hours		
GENT	1313	Introduction to Occupational Safety		3	None
ENGT	3603	Additive Manufacturing		3	ENGT 1203
ENGT	3904	Industry Internship		4	Junior Standing
ENGT	4703	Industrial Simulations and Modeling		3	ENGT 2303
ENGT	4803	Lean Manufacturing and Six sigma		3	ENGT 2323, STAT 2013
ENGT	4812	Facilities Planning and Material Handling		2	ENGT 4703
ENGT	4833	Industrial Economics and Cost Analysis		3	MATH 2103, STAT 2013
ENGT	4904	Capstone Design Project		4	Department Head Approval
ENGT	3543	Advanced Programmable Logic Controllers		3	ENGT 2333
ENGT	3644	Industrial Robotics		4	ENGT 3543
ENGT	4744	Industrial Automation		4	ENGT 3543
ENGT	3574	Manufacturing Operations I		4	ENGT 1103, Pre/Coreq: MATH 2103
Total to Graduate				121	

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 30 credit hours earned in residence at OSU-OKC
- 60 credit hours from baccalaureate degree granting institution
- 40 credit hours of upper division
- Grade of "C" or better required in all PSM courses

NOTES LEGEND:

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