

**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
<i>Select any 3 credit hours of college-level science courses</i>					
				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
<b>Support and Related Courses</b>			<b>6 Credit Hours</b>		
CIS	1123	Programming Fundamentals		3	[R]
MGMT	2143	Organizational Leadership		3	[R] [W]
<b>Completed Associate Degree</b>			<b>35 Credit Hours</b>		
Engineering Technology A.A.S. degree with 35 technical hours				35	Varies
<i>Selective admission into the following courses is required, based on certain criteria. For admission requirements, visit <a href="http://osuokc.edu/ENGT">osuokc.edu/ENGT</a></i>					
<b>Required Core Courses</b>			<b>40 Credit Hours</b>		
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