

ENGINEERING TECHNOLOGIES B. T.

Bachelor of Technology

Industrial Engineering 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
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
<i>Selective admission into the following courses is required, based on certain criteria. For admission requirements, visit osuokc.edu/ENGT</i>					
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	3574	Manufacturing Operations I		4	ENGT 1103, Pre/Coreq: MATH 2103
ENGT	3674	Human Factors and Ergonomics		4	ENGT 2323
ENGT	4774	Manufacturing Operations II		4	ENGT 3574
ENGT	3543	Advanced Programmable Logic Controllers		3	ENGT 2333

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