



ENGINEERING CONCENTRATION

Associate of Science

JOB OPPORTUNITIES FOR GRADUATES

Students pursuing this degree may have an interest in working as an engineering technician in research and development laboratories or manufacturing facilities.

This concentration is designed to prepare students for transfer to a four-year college or university for pursuit of a bachelor's degree in an engineering field, such as chemical engineering, civil engineering, computer science and engineering, electrical engineering, industrial engineering and mechanical engineering.

SALARY

Median pay for Mechanical Engineering Technician (Associate's degree) - \$58,230/year

Median pay for Civil Engineering Technician (Associate's degree) - \$54,080/year

The overall job outlook is good, with 3 percent job growth per year.

Source: *bls.gov*

LOCATION

Toledo-area Campus

REQUIRED COURSES

1ST SEMESTER

ENG 111	Composition I *	Credits: 3(Lec: 3)
or		
ENG 111P	Composition I Plus *	Credits: 4(Lec: 4)
CHM 121	General Chemistry I *	Credits: 5(Lec: 4 Lab: 3)
MTH 175	Precalculus *	Credits: 5(Lec: 5)
_____	Social & Behavioral Sciences Elective	Credits: 3(Lec: 3)

2ND SEMESTER

ENG 112	Composition II *	Credits: 3(Lec: 3)
or		
HON 201	Interpretations Seminar *	Credits: 3(Lec: 3)
or		
ENG 130	Intro to Technical Comm	Credits: 3(Lec: 3)
_____	Physics Elective	Credits: 5(Lec: 4 Lab: 3)
<i>Select from: PHY 201, PHY 202, PHY 221, or PHY 222.</i>		
MTH 180	Calculus I *	Credits: 5(Lec: 5)
_____	Art and Humanities Elective	Credits: 3(Lec: 3)

3RD SEMESTER

MTH 232	Calculus II *	Credits: 5(Lec: 5)
_____	Physics Elective	Credits: 5(Lec: 4 Lab: 3)
<i>Select from: PHY 201, PHY 202, PHY 221, or PHY 222.</i>		
_____	Speech Elective	Credits: 3(Lec: 3)
_____	Elective	Credits: 3(Lec: 3)
<i>Select any combination of Elective courses excluding developmental education courses.</i>		

4TH SEMESTER

_____	Elective	Credits: 3(Lec: 3)
<i>Select any combination of Elective courses excluding developmental education courses.</i>		
_____	Art and Humanities Elective	Credits: 3(Lec: 3)
_____	Science Elective	Credits: 3 to 4(Lec: 3 to 4 Lab: 0 to 3)
or		
_____	Mathematics Elective	Credits: 3 to 5(Lec: 3 to 5)
_____	Social & Behavioral Sciences Elective	Credits: 3(Lec: 3)

*Ohio Transfer Module Course. More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

OWENS.EDU

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

School of Science, Technology, Engineering and Mathematics

(567) 661-7451



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COMMUNITY COLLEGE