

Mechanical Engineering Technology

Engineering Technologies Division

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Mechanical Engineering Technology

Associate of Applied Science

The machinery of modern industry consists of mechanical devices – levers that move, wheels that spin and cogs that must mesh. The mechanical engineering technology degree is designed to train students in technology based, entry-level occupations related to the mechanical and manufacturing engineering fields. Graduates will be able to assist engineers and other professional staff engaged in plant and facilities maintenance and other plant engineering and management functions.

The mechanical engineering technology degree provides students the opportunity to study engineering topics associated with the design and installation of mechanical equipment and systems with the option of transferring to another institution to pursue a four-year bachelor degree in mechanical engineering technology.

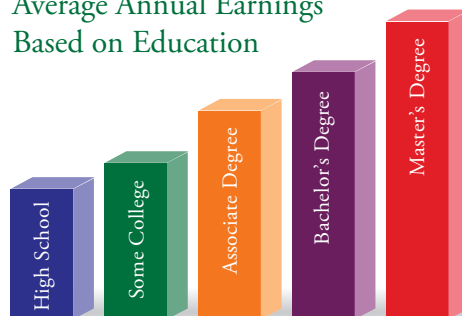
The student who follows this course of study will be trained to function as a mechanical technician in a number of industrial situations which require knowledge of mechanical systems, engineering materials and equipment. The student may find himself/herself working closely with engineers engaged in designing, testing, servicing or assembly and installation of machinery and industrial equipment.

Career Outlook

Many diverse occupations find their origins in the mechanical field. These occupations include a variety of titles in the areas of drafting, production, testing, design and analysis, to name a few. Employment in the mechanical field should be quite good with job opportunities growing as fast as average nationally and in the state of Ohio. The largest need for mechanical engineering technicians will be in manufacturing, with companies continually wanting new or improved machinery.

Education Pays

Average Annual Earnings
Based on Education



2011-2012

Based on data from the Bureau of Labor Statistics

Program Sequence

First Semester

		<i>Credits</i>
+ CAD111	CAD I	4
ENG111	Composition I	3
IND103	Applied Geometry & Trigonometry	3
+ MET110	Print Reading & Sketching	3
MTH109	College Algebra	3
MET100	Introduction to Engineering Technologies	2
		18

Second Semester

		<i>Credits</i>
+ CAD112	CAD II	4
ENG112	Composition II	3
MTH112	Trigonometry	3
+ MET121	Manufacturing Processes	3
PHY251	Physics: Mechanics and Heat	4
		17

Third Semester

		<i>Credits</i>
+ QCT141	Precision Measurement	3
+ MET235	Statics	3
+ MET234	Strength of Materials	3
	Science Elective	4
	Communications Elective	3
		16

Fourth Semester

		<i>Credits</i>
+ MET134	Engineering Materials	3
+ MET265	Machine Design	3
+ MET255	Fluid Mechanics	3
+	Technical Elective	3
	Social/Behavioral Science Elective	3
	Humanities Elective	3
		18

Total Program Credit Hours **69**

+ Students must attain a minimum grade of "C" in all courses with a '+' to progress in the program and to graduate.

Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.

