Mechanical Engineering Technology

Engineering Technology

Mechanical

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

All aspects of industry are dependent on the production and reading of drawings to convey information.

Career Options

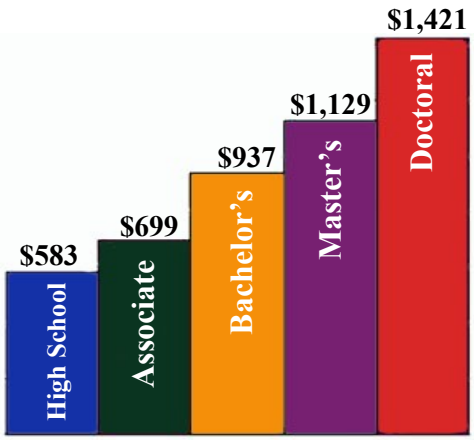
Many diverse occupations find their origins in the mechanical field. These occupations include a variety of titles in the areas of drafting, production, testing, design and analysis, to name a few.

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 Weekly Earnings Based on Educational Attainment



Based on data from the Bureau of Labor Statistics

Northwest State Community College

Program Sequence 2011-2013

First Semester

+	CAD111	CAD I	4
	ENG111	Composition I	3
+	IND103	Applied Geometry & Trigonometry	3
+	MET110	Print Reading & Sketching	3
	MTH109	College Algebra	3
	MET100	Intro to Engineering Technologies	2
			18

Second Semester

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

Third Semester

+	QCT141	Precision Measurement	3
+	MET235	Statics	3
+	MET234	Strength of Materials	3
		Science Elective	4
		Communications Elective	3
			16

Fourth Semester

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

\+ 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*

Contact Information

For Program Information, Contact:
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For Admissions Information, Contact:
Admissions Office
(419) 267-1320

Northwest State Community College

Dave VonDeylen, Class of 1981

Future Northwest State Students:

I, like many others, attended Northwest State because tuition was affordable and the campus was close to home. While attending Northwest State, my instructors were extremely helpful. They guided me to enroll in courses that appealed to my interests and talents, and really went the extra mile to ensure my success in their programs.

My advisors also were able to help me gain employment through a Co-op program that gave me a chance to get hands-on training outside of the classroom and begin networking with other professionals in the area. Now, many years later, I know the experience I gained and the local contacts I made helped me build my own company, Alex Products, Inc.

Alex Products began in a small, one room shop and, in 22 years, has grown into a large plant with four locations in the five-county area. Not only are we well known for our quality of service, we are also recognized for offering the highest level of career preparation for our employees. As a matter of fact, out of our 1,000 employees, more than 20% have received some level of training from Northwest State Community College.

Whether you decide to major in Engineering, Business, Nursing or any other degree at Northwest State Community College, you are building a foundation to a successful future. Not only will the education you earn at Northwest State prepare you for the workforce, it will give you the confidence to fill a professional role right out of college. The confidence that employers, like me, look for in their employees.

Best of luck in your education as well as your career.

Dave VonDeylen

The Plastic Engineering Technology program at Northwest State Community College is an incredible program to be involved in. There are great opportunities for jobs in the plastic engineering field after graduation. It is a key component in trying to get your foot in the door at a plastics company.

Another option that the Plastic Engineering Degree offers is transferring to a four year school. I had the opportunity to transfer to Ferris State University to earn a bachelor's degree in plastic engineering. The knowledge I gained at Northwest State made it a very easy transition. If you are interested in a position in plastics, or want to continue your education, Northwest State is a great choice.

- Brian Brown, Class of 2006

I graduated from Northwest State with an engineering technology degree and the confidence that I was well-prepared to enter the job field. It was that confidence that helped me earn a position at Campbell Soup working as a technology trouble shooter.

Today, I am making more money than I ever could have without a college degree. Northwest State Community College transformed my life.

- Mike Kappen, Class of 2003

Northwest State Service Area

Numbers to Call

Admissions: (419) 267-1320
Financial Aid: (419) 267-1333
Main Campus: (419) 267-5511
Or Visit Our Web Site at
www.northweststate.edu

It Makes You Think!

Accredited by the Higher Learning Commission (312) 263-0456 www.ncahigherlearningcommission.org

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