

Plastics Engineering Technology



Engineering Technologies Division

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Plastics Engineering Technology

Associate of Applied Science

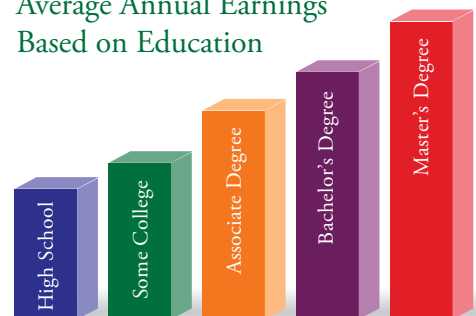
Plastics is one of the fastest growing manufacturing industries today. The plastics program at Northwest State Community College was created in response to the industry demand in northwest Ohio for employee training and student education in plastics manufacturing. Students will receive specialized training in thermoplastic materials, injection molding and plastics testing. Graduates will also be skilled in various processes such as blow molding, extrusion and thermoforming.

Career Outlook

While consumer demand for convenient, plastic products increases, so will the need for highly-skilled plastics technicians. Job titles in this field can include molding technician, production supervisor, design and development and quality control technician to name a few. Employment of plastic processing workers is expected to grow as fast as the average both nationally and in the state of Ohio. An increase in workers trained in the field will stem from manufacturers substituting plastic parts for those that had been manufactured from metal in the past.

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>
ENG111	Composition I	3
IND103	Applied Geometry & Trigonometry	3
MET110	Print Reading & Sketching	3
MTH109	College Algebra	3
+ PET110	Principles of Plastics	4
MET100	Introduction to Engineering Technology	2
		18

Second Semester

		<i>Credits</i>
ENG112	Composition II	3
MTH112	Trigonometry	3
+ PET210	Injection Molding	4
+ QCT141	Precision Measurement	3
PHY251	Physics: Mechanics & Heat	4
		17

Third Semester

		<i>Credits</i>
+ PET231	Plastics Materials Testing	4
CHM201	General Chemistry I	5
+ CAD213	CADIII	4
+	Plastics Elective	3
	Communications Elective	3
		19

Fourth Semester

		<i>Credits</i>
+ PET250	Plastics Secondary Operations	4
+ QCT100	Quality Concepts	3
+	Plastics Elective	4
	Social/Behavioral Science Elective	3
	Humanities Elective	3
		17

Total Program Credit Hours **71**

+ 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.

