

Associate of Applied Science in Plastics Engineering Technology *Associate of Applied Science*

Plastics is one of the fastest growing manufacturing Industries today. This program was developed 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.



STEM and Industrial Technology Division



Franklin Roberts
Dean

Questions:

NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2023-2024

Education Pays

Average Annual Earnings
Based on Education



Based on data from the Bureau of Labor Statistics

NSCC is accredited by:
The Higher Learning Commission
(312) 263-0456
www.ncahigherlearningcommission.org

PROGRAM SEQUENCE

First Semester		Credits
ENG111	Composition I	3
+MET100	Introduction to Engineering Technology	2
+MET107	Engineering Graphics & Sketching	3
+MET121	Manufacturing Processes	3
MTH109	College Algebra	3
		14

Second Semester		Credits
+CAD213	Solid Modeling	4
ENG210	Technical Communications	3
+PET115	Plastics Processes	4
MTH112	Trigonometry	3
PHY251	Physics: Mechanics & Heat	4
		18

Third Semester		Credits
+QCT100	Quality Concepts	3
+MET234	Strength of Materials	3
+MET235	Statics	3
CHM101	Chemistry	4
+PET215	Plastics Processes II	4
		17

Fourth Semester		Credits
+MET255	Fluid Mechanics OR	
+MET290	Eng. Tech Co-op Internship	3
+MET134	Engineering Materials	3
ENG113	Speech	3
	Social/Behavioral Science Elective	3
	Humanities Elective	3
		15

Total Program Credit Hours **64**

+ Students must attain a minimum grade of “C” in all courses with a ‘+’ to progress in the program and to graduate.