



METALLURGY AND MATERIAL SCIENCE

LEARN REAL-WORLD SKILLS TO GIVE YOU AN ADVANTAGE IN THIS EXCITING FIELD

Certificate and Degree Options

- ◆ Skills Certificate
- ◆ Certificate
- ◆ Associate in Applied Science Degree

What You Will Learn

This program provides students with knowledge of metals and other materials used in construction and manufacturing processes. It also gives students hands-on experience with an array of testing equipment, microscopes and the state-of-the-art Scanning Electronic Microscope (SEM) used for compositional and image analysis of materials.

Educational Options • Metallurgy and Material Science

Metallurgy: Applied Physical Certificate

Offers those employed in the metallurgy industry the opportunity to reinforce skills and knowledge to advance in the laboratory and related fields.

Materials Science: Post-Associate Certificate

Working professionals who earn this certificate will gain industrial experience and training to expand their knowledge of current technologies applied to laboratory practice and other materials-related careers.

Metallurgy and Materials: AAS Degree

The associate in applied science in metallurgy and materials gives students knowledge in research, development, manufacturing and materials control in order to prepare them for positions ranging from a technician to a plant manager. It is the only two-year degree program of its kind in Michigan.

What can I earn?*

- ◆ MET Technician
\$48,000
- ◆ Materials Scientist
\$74,720
- ◆ Materials Engineer
\$87,690
- ◆ Plastics Technician/
Machine Worker
\$33,500

*Median salary according to Career Cruising

*Median salary according to
US Bureau of Labor Statistics

Contact Donald Jordan at 734-462-7132



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PLASTICS TECHNOLOGY

What You Will Learn

The program is designed to help students acquire knowledge, skills and behaviors needed to become a competent molding machine operator or technician. It focuses on plastic materials, processes, equipment and tooling, maintenance, quality and safety. Students also gain real-world experience through completing assignments at local plastic manufacturing companies.

Educational Option • Plastics Technology

Plastic Technology: Skills Certificate

The skills certificate prepares students for employment in the plastics industry as a molding operator or technician.

Contact: Gene Keyes at 734-462-7103



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