

Industrial Technology

Technical Apprentice / Skilled Trades (IND.AAS) (IND.CT)

Associate in Applied Science Degrees, Certificates

Engineering/Manufacturing and Industrial Technology

Restricted

Auburn Hills Campus

This program has been designed to meet the particular needs of business and industry. Although offered by Oakland Community College, this program is not available to the general public and, therefore, is restricted in use and application.

Oakland Community College, in cooperation with local industry, offers the required related instruction classes for apprentices from area industrial companies. Upon completion of a defined curriculum, eligible students may apply for degrees or certificates from OCC.

Apprentices are trained in occupations that require a wide and diverse range of skills and knowledge. Apprentices learn all the aspects of a trade through day-by-day training on the job, experience under proper supervision combined with technical instruction. After successfully completing their apprenticeships and learning the mechanics of their trade, apprentices become journeypersons and receive a completion certificate issued by the U.S. Department of Labor.

The demand for highly skilled workers is increasing more rapidly than the supply. Their skills set craftworkers apart from other workers. The careers are satisfying, rewarding and highly marketable.

Apprenticeable occupations can be found in such areas as manufacturing, electronics, construction, service and metal working. A large part of the apprenticeable trades are in the manufacturing and construction industries. New job standards are regularly added by the U.S. Department of Labor to reflect a changing business need.

For further information, see the Apprenticeship Supplement Catalog available by contacting the Apprentice Coordinator at the Auburn Hills Campus at **(248) 232-4274**.

Oakland Community College provides an opportunity for technical students, including apprentices, journeypersons and employees-in-training to continue their education and earn an Associate Degree in Applied Science.

These programs were designed with flexibility to allow technical students the opportunity to enhance their skills or to supplement their education with courses to assist in their career development.

Individuals who have completed an approved Oakland Community College Apprentice program could use these programs to advance their education.

To aid companies in planning the sequence of courses for their training program, there are curricular outlines for the following trade areas:

- Die Designer
- Die Maker
- Draftsman Designer
- Industrial Plant Electrician
- Machinist
- Millwright
- Pipe Fitter
- Stationary Engineer
- Tool and Die
- Tool Designer
- Tool Machinist – All Around
- Welder

Code	Title	Credit Hours
Major Requirements		
Select one of the following:		
	Complete approved Oakland Community College Apprentice program courses.	
	Complete an approved program recognized by the U.S. Department of Labor. A notarized copy of the original U.S. Department of Labor certificate is required.	32
	Present verification of Journeyperson's status by a local union or sponsoring company.	15
Necessary electives to total at least 62 credits must also be completed to meet requirements for an Associate in Applied Science degree.		62

See degree requirements for an Associate in Applied Science degree (<http://catalog.oaklandcc.edu/programs/applied-science-degree/>).

See General Education Distribution Requirements (<http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/>).

Notes: All incoming apprentices must register with the Apprenticeship Coordinator. See Apprenticeship Coordinator for program codes.

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.

Degree Programs

- Air Conditioning and Refrigeration (Industrial)
- Auto Truck and Trailer Repair