

Associate of Technical Studies Degree

Tool and Die Technology (9790)

This program is designed for students holding a State of Ohio apprenticeship certificate in machine tools or a related area. Certificate holders shall be granted up to 24 semester credit hours towards the associate degree; the balance of the program shall consist of technology courses and general requirements specified by the Ohio Board of Regents.

Degree Requirements

Students must earn a minimum of 20 credit hours in courses at Lakeland and maintain a 2.0 minimum grade point average (GPA). The minimum number of credits required for graduation is 64 semester credit hours. Since the ATS degree is a technical degree, students must also satisfy all curricular components of technical education programs as currently defined by the Ohio Board of Regents and Lakeland Community College.

Those standards require:

1. A minimum of 30 semester credit hours in Technical Education.

Technical education is defined as "technical specialization in courses clearly identifiable with the technical skills, proficiency, and knowledge required for career competency. Most courses classified as technical should include laboratory experience." As a general rule, at least 550 clock hours of documentable instruction will be required for technical credit of 30 semester credit hours.

2. A minimum of 14 semester credit hours in Basic, Related, "Foundational" Courses.

These are defined as "courses closely related to the technical specialty and selected to serve as a base to the technical field." For example, mathematics and physics are basic and related to engineering, and anatomy and physiology are basic and related to health programs.

3. A minimum of 14 semester credit hours in General Studies Courses.

These are defined as "courses including written and oral communication, humanities and social studies" and must be taken as follows:

Written Communication - 6 credits:

ENGLISH I: ENGL 1110 or ENGL 1111

{NOTE: Placement into the appropriate English I course is required.}

ENGLISH II: ENGL 1120 or ENGL 1121 or ENGL 2202 or MECT 1150

{NOTE: The English II course will vary based on individual program requirements.}

Oral Communication - 2 credits:

SPEECH: SPCH 1050 or SPCH 1150

{NOTE: Students may substitute either SPCH 1000 or SPCH 1100. One of these 3 credit courses may be required for students transferring to a four-year college.}

Arts and Humanities - minimum 3 credits chosen from:

ARTS 1120, 2220, 2230; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 1215, 1800, 2200, 2250; PHIL 2000, 2500

Social and Behavioral Sciences - minimum 3 credits chosen from:

ANTH 1160; ECON 1150, 2500, 2600; GEOG 1500, 1600, 2500; HIST 1100, 1200, 2100, 2200, 2400; POLS 1300, 2500; PSYC 1500; SOCY 1150