

## Associate of Technical Studies

### Associate of Technical Studies Degree

#### Associate of Technical Studies (9701)

The Associate of Technical Studies (ATS) degree program is designed to accommodate associate degree candidates whose careers and career preparation lie in fields of concentration other than those offered by Lakeland. It permits students to have college credit awarded for occupationally related education and training which may have been obtained outside the traditional college sector.

Admission to associate of technical studies degree candidacy is by application. Students interested in any ATS program should contact the ATS counselor in the Counseling Center.

Degree programs exist in the following areas:

#### Computer Information Technology (9720)

The Associate of Technical Studies Degree in Computer Information Technology prepares or upgrades the graduate for career objectives requiring more than one computer-related specialization. Specializations can be combined from within, but not limited to, areas such as computer network support, computer user support, data information analysis, software design and development, web content design, and media studies. Available courses include those that prepare for industry certification from Oracle, Microsoft, CompTIA and Cisco. In addition to employment opportunities, students have the option to continue their education beyond the two-year associate degree program by enrolling in four-year programs at local universities.

#### Culinary Arts Technology (9730)

The Culinary Arts Technology Program is offered in collaboration with the International Culinary Arts and Sciences Institute (ICASI). Students who receive the certificate in Culinary Arts awarded by the International Culinary Arts and Sciences Institute (ICASI) are awarded 30 semester credit hours. The balance of the ATS program consists of 31 semester hours of general education, basic, and related core courses are offered by Lakeland.

#### Electrical Construction Technology (9712)

The Electrical Construction Technology program is a five-year Associate of Technical Studies (ATS) degree program offered in collaboration with the International Brotherhood of Electrical Workers (IBEW Local 673).

#### Electrical Technology (9710)

This program is designed for students holding a State of Ohio apprenticeship certificate as an industrial maintenance electrician or in 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 Department of Higher Education.

#### Nuclear Medicine (9760)

This is a cooperative program with the Nuclear Medicine Institute (NMI) at the University of Findlay, Findlay, Ohio. Students complete a core curriculum at Lakeland prior to acceptance at NMI.

#### Radiologic Technology (9770)

This program is available to students who have completed a two-year hospital based radiologic technology program accredited by the Joint Review Committee on Education in Radiologic Technology. Applicants to the program must be certified by the American Registry of Radiologic Technologists.

#### 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 Department of Higher Education.

#### Associate of Technical Studies 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 60 semester credit hours. Since the Associate of Technical Studies (ATS) degree is a technical degree, students must also satisfy all curricular components of technical education programs as currently defined by the Ohio Department of Higher Education and Lakeland Community College.

Those standards require:

1. A minimum of 30 semester credit hours in technical education.
2. A minimum of 30 semester non-technical credit hours.
  - a. Minimum 15 credit hours of general studies

<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>
ENGL 1110	English Composition I (A)	3
or ENGL 1111	English Composition I (B)	
College-level mathematics (minimum 3 credits)		
Select 3 credits from each of two of the following categories:		6
Arts and Humanities (see list below)		
Social and Behavioral Sciences (see list below)		
Natural Sciences (see Transfer Module)		
Select additional 3 credits from college-level mathematics OR Arts and Humanities electives OR Social and Behavioral Sciences electives OR Natural Sciences OR ENGL 1120 OR COMM 1000		

- b. Minimum additional 15 non-technical credit hours.

<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>
FYEX 1000	First Year Experience	1
Select additional 14 credits from section A above and/or other general studies courses and/or basic/related/foundational courses.		

Students must meet with a counselor to confirm requirements for their specific ATS degree.

## Electives

<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>
<b>Arts and Humanities</b>		
ARTS 1120	Art Appreciation	3
ARTS 2220	Survey of Art I	3
ARTS 2230	Survey of Art II	3
ENGL 2250	Survey of American Literature I	3
ENGL 2260	Survey of American Literature II	3
ENGL 2280	Survey of British Literature I	3
ENGL 2290	Survey of British Literature II	3
HUMX 1100	Introduction to Humanities	3
HUMX 1200	The American Experience in the Arts	3
MUSC 1200	Music Appreciation	3
MUSC 1215	World Music	3
MUSC 1800	Popular Music: Rock, Jazz, Country, and Hip-Hop	3
MUSC 2200	Music History and Literature I	3
MUSC 2250	Music History and Literature II	3
PHIL 1500	Introduction to Philosophy	3
PHIL 2000	Comparative Religion	3
PHOT 1000	History of Photography	3
<b>Social and Behavioral Sciences</b>		
ANTH 1160	Introduction to Cultural Anthropology	3
ECON 1150	Basic Economics	3
ECON 2500	Principles of Macroeconomics	3
ECON 2600	Principles of Microeconomics	3
GEOG 1500	Introduction to Geography	3
GEOG 1600	World Regional Geography	3
GEOG 2500	World Cultural Geography	3
HIST 1150	Western Civilization I: Antiquity Through the Reformation	3
HIST 1250	Western Civilization II: Age of Revolution Through the Present	3

		3
HIST 2150	U.S. History: Colonization Through Reconstruction	3
HIST 2250	U.S. History: Reconstruction to the Present	3
POLS 1300	U.S. National Government	3
POLS 2500	Modern Political Ideologies	3
PSYC 1500	Introduction to Psychology	3
SOCY 1150	Principles of Sociology	3