Lakeland
COMMUNITY COLLEGE

PROGRAM GUIDE

Earn your Associate of Arts or Associate of Science Degree

Get started on a lifetime of opportunity!

Opportunity starts HERE
lakelandcc.edu
Congratulations on your decision to take the first step in earning your college degree. Lakeland’s Associate of Arts (AA) or Associate of Science (AS) degree has opened the doors of opportunity for more than 26,000 graduates since the college was founded in 1967.

Students who want to earn a Bachelor of Arts and/or Bachelor of Science degree often begin with an associate degree before transferring to a four-year college or university, saving both time and money!

The requirements for the AA and AS degrees also satisfy all requirements for what is known as the Ohio Transfer Module (OTM). The OTM consists of credit hours in introductory English, mathematics, arts/humanities, social science, and natural science courses. These courses are guaranteed to transfer to state colleges and universities in Ohio.

**Associate of Arts Concentration Areas:**
- art, music and modern languages
- business and economics
- education
- English, journalism and communication
- geography
- history, political science
- psychology, sociology and social work

**Associate of Science Concentration Areas:**
- biology (life science/environmental science)
- biology (pre-professional, for example: pre-med, pre-veterinary, pre-physician’s assistant, etc.)
- chemistry
- engineering
- geosciences
- mathematics
- physics

In addition to the general transfer AA and AS degree, Lakeland offers associate degrees in areas of applied studies. For a complete list of degree programs, visit lakelandcc.edu/catalog.
Benefits of an AA or AS degree

Save money
Students who start at Lakeland pay lower tuition overall than students who complete all of their courses at a four-year institution. Lakeland provides an exceptional education at an affordable price. Lakeland's tuition is about one-third the cost of most four-year schools. Calculate your savings at lakelandcc.edu/2plus2calculator.

Earn credentials
We understand that life can get in the way, and many students may not be able to achieve a four-year degree as planned. Completing an AA or AS degree provides a college credential from an accredited institution that helps graduates win job opportunities. Later, you can transfer to a four-year college or university when the time is right.

Transfer seamlessly
Students who complete the AA or AS degree will also satisfy all the requirements for the Ohio Transfer Module (OTM). The OTM consists of 36-40 semester credit hours of introductory courses in English, mathematics, arts & humanities, social science and natural science. These courses are guaranteed to transfer to state colleges and universities in Ohio. In fact, many of our courses transfer to private colleges and universities.

Feel accomplished
There is nothing quite like the feeling of achieving a goal. Earning your AA or AS is no easy feat, but graduates walk away with a sense of accomplishment and the confidence to go on to a four-year institution to complete a bachelor's degree.

Transfer Center
If you are planning to transfer to a four-year college or university after attending Lakeland, the Transfer Center is your resource for:
- Four-year college and university research including: catalogs, majors, applications and recruiter appointments.
- Ohio Transfer Module.
- Course articulation information.
- Career interest inventories.

Holden University Center
The Holden University Center of Lakeland Community College allows students to earn bachelor's or graduate degrees from one of the partnering colleges or universities while staying close to home. Partner institutions offer more than a dozen degree programs. Visit lakelandcc.edu/uc.
The associate of arts (AA) is normally pursued by students intending to transfer to a senior institution for the completion of a Bachelor of Arts or Science degree. Typical areas of study may include art, business, communication, economics, education, English, geography, history, journalism, modern languages, music, philosophy, photography, political science, prelaw, psychology, sociology, and social work. Students who complete this degree will also satisfy all requirements for the State of Ohio Transfer Module. See pages 50-52 of the Catalog for “Transfer Guidelines.”

The associate of arts degree requires successful completion of 61 semester credits with a 2.0 minimum grade point average (GPA). Students must have been enrolled in and earned at least 20 semester credits at Lakeland Community College. Courses below the 1000 level are not applicable to degree requirements, e.g., ENGL 0111, MATH 0745, etc.

Students must earn the 61 semester credits as listed below. **Students must successfully complete at least 36 of the total minimum 61 credits required for the degree from the courses listed in the Transfer Module shown on pages 50-52 in the Catalog.**

<table>
<thead>
<tr>
<th>AREA</th>
<th>MINIMUM CREDITS</th>
<th>REQUIREMENTS</th>
</tr>
</thead>
</table>
| **First Year Experience**                 | 1               | Students must successfully complete \( \text{FIRST YEAR EXPERIENCE: FYEX 1000} \)  
\( \text{(NOTE: FYEX 1000 is a degree requirement for all new first time in college students.)} \) |
| **Communications**                        | 9               | Students must successfully complete \( \text{COMMUNICATION STUDIES: COMM 1000} \) \( \text{AND} \) \( \text{ENGLISH: ENGL 1110 OR ENGL 1111, and ENGL 1120 OR ENGL 1121} \)  
\( \text{(NOTE: Placement into the appropriate English course is required. See pages 13 and 24 in the Catalog.)} \) |
| **Arts and Humanities/ Social and Behavioral Sciences** | 18              | Students must successfully complete courses as shown below:  
**Arts and Humanities:**  
- ART: ARTS 1120, 2220, 2230  
- HUMANITIES: HUMX 1100, 1200, 1300  
- INTERDISCIPLINARY STUDIES: IDST 2400  
- LITERATURE: ENGL 2210, 2220, 2225, 2230, 2235, 2240, 2245, 2248, 2250, 2260, 2263, 2270, 2275, 2276, 2280, 2290, 2296  
- MUSIC: MUSC 1200, 1215, 1800, 2200, 2250  
- PHILOSOPHY: PHIL 1300, 1500, 2000, 2600, 2700  
- PHOTOGRAPHY: PHOT 1000  
**Social and Behavioral Sciences:**  
- INTERDISCIPLINARY STUDIES: IDST 1200  
- PSYCHOLOGY: PSYC 1400, 1500, 1700, 2200, 2300, 2400, 2500, 2600, 2700, 2800  
- SOCIOLOGY: SOCY 1150, 1190, 2000, 2250, 2260, 2270, 2280, 2290 |
# Associate of Arts Degree Requirements (9000)

**Macro-Social Sciences:**
- ECONOMICS: ECON 1150, 2500, 2600
- GEOGRAPHY: GEOG 1500, 1600, 1800, 2000, 2500
- HISTORY: HIST 1150, 1250, 1450, 1550, 2150, 2250, 2450, 2600, 2700
- POLITICAL SCIENCE: POLS 1300, 2100, 2200, 2300, 2400, 2500
- URBAN STUDIES: URST 2000

Students must complete the remaining credits needed to meet the Arts and Humanities/Social and Behavioral Sciences requirement from any of the three lists of courses shown above.

**Mathematics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATHEMATICS: MATH 1330, 1550, 1600, 1650, 1700, 1890, 2400, 2500, 2600, 2700, 2800, 2850</td>
<td>3</td>
</tr>
<tr>
<td>PHILOSOPHY: PHIL 2600</td>
<td></td>
</tr>
</tbody>
</table>

*(NOTE: Placement into the appropriate Mathematics course is required. See page 13 in the Catalog. Students should consult with a counselor to select a mathematics requirement that will support their educational objectives and fulfill the mathematics requirement at the transfer institution.)*

**Natural Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGY: BIOL 1010, 1020, 1030, 1140, 1150, 1160, 1170, 1190, 1200, 1510, 1520, 2210, 2220, 2700</td>
<td>6</td>
</tr>
<tr>
<td>CHEMISTRY: CHEM 1050, 1100, 1150, 1500, 1600, 2000, 2500, 2600</td>
<td></td>
</tr>
<tr>
<td>GEOGRAPHY: GEOG 1550</td>
<td></td>
</tr>
<tr>
<td>GEOLOGY: GEOL 1100, 1200, 1300</td>
<td></td>
</tr>
<tr>
<td>PHYSICAL SCIENCE: PSCI 1100, 1300, 1400</td>
<td></td>
</tr>
<tr>
<td>PHYSICS: PHYS 1500, 1550, 1610, 1620, 2410, 2420</td>
<td></td>
</tr>
</tbody>
</table>

*(NOTE: BIOL 1200 is best suited for health technology students.)* *(NOTE: BIOL 1010, BIOL 1020, BIOL 1030, BIOL 1140, PHYS 1500 and PHYS 1550 are not lab courses.)*

**Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students should consult with a counselor to select electives that will support their educational objectives. Elective credits should be focused for the most part in the Communications, Arts and Humanities, and Social and Behavioral Sciences categories. Students may apply excess credits from each of the degree areas shown above to the Electives area. Students should complete the remaining credits for the degree from either additional Transfer Module courses or from any college-level courses as general electives. <em>(NOTE: The one-credit physical activity courses (PEHR 1101 through PEHR 1125 and DANC 1108 through DANC 1110) cannot be applied to the degree requirements.)</em> Some four-year colleges require completion of one or two years of course work in Modern/Foreign Languages. Students should check to see if the institution to which they plan to transfer includes this requirement. Students seeking to improve their computer skills/knowledge needed at Lakeland and elsewhere are encouraged to take ITIS 1000 or ITIS 1005, which meets the Transfer Assurance Guide (TAG) requirement for Ohio's Articulation and Transfer Policy.</td>
<td>24</td>
</tr>
</tbody>
</table>

*(NOTE: Placement into the appropriate Mathematics course is required. See page 13 in the Catalog. Students should consult with a counselor to select a mathematics requirement that will support their educational objectives and fulfill the mathematics requirement at the transfer institution.)*
The associate of science (AS) degree program is normally pursued by students intending to transfer to a senior institution for the completion of a Bachelor of Science degree. Typical areas of study may include engineering, earth sciences, mathematics, physics, biology, chemistry, computer science, or pre-medicine. Students who complete this degree will also satisfy all requirements for the State of Ohio Transfer Module. See pages 50-52 of the Catalog for "Transfer Guidelines."

The associate of science degree (AS) requires successful completion of 61 semester credits with a 2.0 minimum grade point average (GPA). Students must have been enrolled in and earned at least 20 semester credits at Lakeland Community College. Courses below the 1000 level are not applicable to degree requirements, e.g., ENGL 0111, MATH 0745, etc.

Students must earn the 61 semester credits as listed below. **Students must successfully complete at least 36 of the total minimum 61 credits required from the degree from the courses listed in the Transfer Module shown on pages 50-52 in the Catalog:**

<table>
<thead>
<tr>
<th>AREA</th>
<th>MINIMUM CREDITS</th>
<th>REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Experience</td>
<td>1</td>
<td>Students must successfully complete FIRST YEAR EXPERIENCE: FYEX 1000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>(NOTE: FYEX 1000 is a degree requirement for all new first time in college students.)</em></td>
</tr>
<tr>
<td>Communications</td>
<td>6</td>
<td>Students must successfully complete ENGLISH: ENGL 1110 OR ENGL 1111, and ENGL 1120 OR ENGL 1121</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>(NOTE: Placement into the appropriate English course is required. See pages 13 and 24 in the Catalog.)</em></td>
</tr>
<tr>
<td>Arts and Humanities</td>
<td>6</td>
<td>Students must successfully complete at least ONE course from at least TWO discipline areas within the following list of courses:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ART: ARTS 1120, 2220, 2230</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HUMANITIES: HUMX 1100, 1200, 1300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTERDISCIPLINARY STUDIES: IDST 2400</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LITERATURE: ENGL 2210, 2220, 2225, 2230, 2235, 2240, 2245, 2248, 2250, 2260, 2263, 2270, 2275, 2276, 2280, 2290, 2296</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUSIC: MUSC 1200, 1215, 1800, 2200, 2250</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PHILOSOPHY: PHIL 1300, 1500, 2000, 2600, 2700</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PHOTOGRAPHY: PHOT 1000</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td>6</td>
<td>Students must successfully complete at least ONE Behavioral Sciences course and at least ONE Macro-Social Sciences course from the following lists of courses:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Behavioral Sciences:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTERDISCIPLINARY STUDIES: IDST 1200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PSYCHOLOGY: PSYC 1400, 1500, 1700, 2200, 2300, 2400, 2500, 2600, 2700, 2800</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOCIOLOGY: SOCY 1150, 1190, 2000, 2250, 2260, 2270, 2280, 2290</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Macro-Social Sciences:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECONOMICS: ECON 1150, 2500, 2600</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEOGRAPHY: GEOG 1500, 1600, 1800, 2000, 2500</td>
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<tr>
<td></td>
<td></td>
<td>HISTORY: HIST 1150, 1250, 1450, 1550, 2150, 2250, 2450, 2600, 2700</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLITICAL SCIENCE: POLS 1300, 2100, 2200, 2300, 2400, 2500</td>
</tr>
</tbody>
</table>
Associate of Science Degree Requirements (9100)

Mathematics and Natural Sciences 18

Students must successfully complete courses as shown below:

Mathematics:
Students must successfully complete at least 3 credits from the following list of courses:
MATH 1650, 1700, 1890, 2400, 2500, 2600, 2700, 2800, 2850
(Note: Placement in the appropriate Mathematics course is required. See page 13 in the Catalog.)
(Note: MATH 2500, MATH 2600 and/or MATH 2700 are recommended for Physics, Chemistry and Engineering majors.)

Natural Sciences:
Students must successfully complete at least 8 credits, including ONE sequence of courses within a discipline area chosen from the following:
BIOLOGY: (BIOL 1510 and BIOL 1520) or (BIOL 2210 and BIOL 2220)
CHEMISTRY: (CHEM 1500 and CHEM 1600) or
PHYSICS: (PHYS 1610 and PHYS 1620) or (PHYS 2410 and PHYS 2420)
(Note: BIOL 1510 and BIOL 1520 are recommended for Biology majors.)
(Note: CHEM 1500 and CHEM 1600 are recommended for Chemistry majors.)
(Note: PHYS 2410 and PHYS 2420 are recommended for Physics, Chemistry, or Engineering majors.)

Students must complete the remaining credits to meet the Mathematics and Natural Sciences requirements from the following list of courses:
MATHEMATICS: MATH 1330, 1550, 1650, 1700, 1890, 2400, 2500, 2600, 2700, 2800, 2850
BIOLOGY: BIOL 1030, 1140, 1150, 1160, 1170, 1190, 1200, 1510, 1520, 2210, 2220, 2700
CHEMISTRY: CHEM 1050, 1100, 1150, 1500, 1600, 2000, 2500, 2600
GEOGRAPHY: GEOG 1550
GEOLOGY: GEOL 1100, 1200, 1300
PHYSICAL SCIENCE: PSCI 1100, 1300, 1400
PHYSICS: PHYS 1500, 1550, (PHYS 1610 or PHYS 2410), (PHYS 1620 or PHYS 2420)
(Note: BIOL 1200 is best suited for health technology students.)
(Note: Students who have completed the BIOL 1510 and BIOL 1520 sequence and wish to fulfill their natural science requirement with additional biology courses should select from the following courses: BIOL 1170, 1190, 2210, 2220, 2700.)
(Note: Students who have completed the CHEM 1500 and CHEM 1600 sequence and wish to fulfill their natural science requirement with additional chemistry courses should select from the following courses: CHEM 2000, 2500, 2600.)

Electives 24

Students should consult with a counselor to select electives that will support their educational objectives. Elective credits should be focused for the most part in the Mathematics and Natural Sciences categories.

Students may apply excess credits from each of the degree areas shown above to the Electives area.

Students should complete the remaining credits for the degree from either additional Transfer Module courses or from any college-level courses as general electives.

(Note: The one-credit physical activity courses (PEHR 1101 through PEHR 1125 and DANC 1108 through DANC 1110) cannot be applied to the degree requirements.)

Some four-year colleges require a course in public speaking, which is COMM 1000 at Lakeland. Students should check to see if the institution to which they plan to transfer requires this Transfer Module course.

Some four-year colleges require completion of one or two years of course work in Modern/Foreign Languages. Students should check to see if the institution to which they plan to transfer includes this requirement.

Students seeking to improve their computer skills/knowledge needed at Lakeland and elsewhere are encouraged to take ITIS 1000 or ITIS 1005, which meets the Transfer Assurance Guide (TAG) requirement for Ohio's Articulation and Transfer Policy.

Total Minimum Credits 61
Lakeland Community College Admission Requirements

For admission into Lakeland, students must be a high school graduate or have obtained a high school diploma equivalency. Please consult Lakeland Community College’s Enrollment Guide (available on Lakeland’s website at lakelandcc.edu/enrollment) for specific admissions requirements and procedures.

Get started on your degree today!
Visit us online at lakelandcc.edu or on campus. Call 440.525.7900 or visit lakelandcc.edu/visit to register for a campus tour.

Ready to apply?
Complete the online application at lakelandcc.edu/apply.

Other important contacts:
Admissions
440.525.7230 • lakelandcc.edu/admissions
Counseling
440.525.7200 • lakelandcc.edu/counseling
Financial Aid
440.525.7070 • finaid@lakelandcc.edu • lakelandcc.edu/financialaid

Quality Education
Lakeland prepares you for a high-demand career or for transfer to a four-year college or university. Professors at Lakeland are experts in their fields with real-world experience. Small class sizes allow for personalized attention.

Affordable Tuition
Save thousands on your college education. Lakeland’s tuition is about one-third the cost of most four-year schools. Financial assistance is available, including federal and state grants, scholarships, loans, and work study employment.

Convenience
Lakeland offers convenient day, evening and weekend class times, and a growing number of online courses. The main campus in Kirtland is only 20 miles northeast of Cleveland. Classes are also offered in Madison.

Focus on Students
Lakeland offers a variety of student services to help you succeed, such as counseling, tutoring, wireless computer labs, career services, free parking, and affordable child care.

Accreditation
Lakeland Community College is accredited through the Higher Learning Commission (HLC) and participates in the Academic Quality Improvement Program (AQIP). The Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1413, phone: 800.621.7440, hlccommission.org.