At Iowa Lakes Community College, we realize that your time in college will be dedicated to setting and achieving personal goals. We aim to provide you with an environment that allows you to explore your interests inside and outside the classroom. With this in mind, we invite you to discover more about the programs that we offer, our campuses, our unique learning opportunities, and the many resources we have available to help you be successful.

As you explore Iowa Lakes, you will find we are more than just a college. We are the beginning for your tomorrow and the foundation of your future. The experiences you endure and the friendships you make will be lifelong and everlasting. So please, take a tour, watch an event, hang out with our students and it won’t take long for you to see that IT IS a Great Day to be a Laker!

On behalf of the Iowa Lakes Community College Board of Trustees, faculty and staff, I invite you to enroll with us today!

---

**5 REASONS TO ATTEND IOWA LAKES**

1. **No Matter Your Educational Goals – We’ve Got You Covered!**
   Whether you are looking to receive the first two years of a baccalaureate degree, start a career through one of our career and technical programs or are seeking to re-enter the workforce with a new skill-set, Iowa Lakes Community College has got you covered by offering the educational opportunities needed to fulfill your goals.

2. **Options – Over 50 Areas of Study Available!**
   At Iowa Lakes, you can choose from over 50 areas of study from many nationally recognized programs. You will find our qualified faculty and staff are committed to working with you, hand-in-hand, to help you to achieve your goals.

3. **Student Life – Extracurricular Activities – Go Lakers!**
   As a student at Iowa Lakes, you have the opportunity to enjoy a student life that includes a wide variety of extracurricular activities – from vocal music and band to intramurals and everything in-between! Don’t forget to check out one of our intercollegiate athletic events. We offer baseball, basketball, dance, cheer, golf, soccer, swimming, wrestling, volleyball and the newest edition, sports shooting.

4. **Financial Aid and Scholarships – Apply Today!**
   Our knowledgeable financial aid staff can assist you with the information needed to finance your education, and the Iowa Lakes Foundation has a variety of scholarships funded by generous donors that may also help you with the costs of achieving your educational goals. Last year, nearly $1 MILLION was awarded to our students!

5. **On-Campus Living – Your New Home Away from Home!**
   Iowa Lakes Community College provides on-campus housing opportunities at the Emmetsburg, Estherville and Spencer Campuses. Living on-campus provides you with an affordable housing option with a variety of amenities to include meal plans, utilities, internet and basic cable.
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Choose Iowa Lakes

Quality education, hands-on learning environment, real life work experience – that’s what you receive at Iowa Lakes Community College. Whether you choose to pursue a diploma, degree, or prerequisite courses to transfer to a four-year college, we’re here to help you accomplish your goals and prepare for the next step in your journey.

Open Door Admission

Our open-door policy admits all individuals into college transfer, career option or technical and vocational programs who either have a high school diploma or its HiSED equivalent. If you have not completed high school, you may be admitted on an individual basis to some programs. Enrollment in many programs is limited, however, so it’s important to get your admissions application in as soon as possible.

Ready to apply? Here are 2 easy ways to complete your application:
• Apply online at www.iowalakes.edu
• Visit any Iowa Lakes campus located in Algona, Emmetsburg, Estherville, Spencer or Spirit Lake.

Admission is granted on a continuous first-come basis. After submitting your application to the Admissions Office, you’ll be notified if any additional requirements or an interview are needed. Lastly, you’ll need to submit a final high school transcript prior to enrollment. This does not affect acceptance for admittance.

Did we mention it’s FREE to apply? Submit your application today!

Accreditation

Iowa Lakes Community College is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education. In 1975, Iowa Lakes Community College was granted accreditation by the North Central Association of Colleges and Schools (now known as the Higher Learning Commission or HLC). Iowa Lakes is accredited by the Iowa Department of Education. State accreditation cycles are coordinated with HLC cycles.

The College is an institutional member of the American Association of Community Colleges. Programs are approved for veteran’s education and by the U.S. Justice Department, the Federal Aviation Administration, and the Iowa Board of Nursing. Some academic programs such as the Veterinary Technician Program and the Welding program have individual accreditations. Program web pages provide details of these program-level accreditations.
START YOUR LAKER JOURNEY IN 4 Steps

1. **Plan a Visit**
   - See the Laker experience in action. Plan your visit today!
   - Tour our campus.
   - Meet with faculty and staff.
   - Sit in on a class (call ahead to schedule).
   - Chat with an Enrollment Coach.

2. **Submit Your Application**
   - Saw it and loved it? Join the Laker community now!
   - Apply online at www.iowalakes.edu or by mail.
   - Submit high school transcripts.
   - Complete program-specific requirements.
   - Complete assessment testing.
   - **Campus Addresses:**
     - 300 S. 18th St., Estherville, IA 51334
     - 3200 College Dr., Emmetsburg, IA 50536
     - 2111 Hwy. 169 N., Algona, IA 50511
     - 800 21st St., Spirit Lake, IA 51360
     - 1900 Grand Ave., Suite B1, Spencer, IA 51301

3. **Apply for Housing**
   - Accepted? Time to plan your new home!
   - Emmetsburg
   - Estherville
   - Spencer
   - Apply online at iowalakes.edu/housing

4. **Apply for Financial Aid & Scholarships**
   - Don’t miss out on financial help.
   - Everyone is eligible to apply.
   - Apply for Federal Student Aid: www.fafsa.ed.gov
   - Be certain to enter the Iowa Lakes Community College Code: 001864.
   - Submit for a scholarship: iowalakes.edu/scholarship.
How Do I Qualify for a Presidential Scholarship?

Your hard work in high school can pay off for your future education. Review our academic and application requirements below to find out if you’re eligible for presidential scholars and honors.

Academic Requirements
To qualify for a presidential scholarship, meet two of the following requirements:

• Show a minimum high school grade point average (GPA) of at least 3.4 at the end of fall semester, senior year (7 semesters).
• Achieve a minimum composite ACT score of 23 or SAT score of 1130.
• Be ranked in the top 10% of your graduating class as verified by your high school transcript.

Application Requirements
In order to be considered for the scholarship, complete the following:

• Submit the online application.
• Attach an unofficial transcript through the fall semester, before high school graduation.
• Complete the online admissions application.
• Have an official high school transcript sent to the Admissions Office.
• Request an exam report from ACT/SAT to be sent to Iowa Lakes.

Deadlines for the scholarship application are as follows:
1. October 1, midnight, C.S.T. (for Spring semester awarding)
2. March 1, midnight, C.S.T. (for Fall semester awarding)
3. Complete the online admissions application.

Awards
• $5,000 Valedictorian (verified by your official high school transcript)
• $4,000 Salutatorian (verified by your official high school transcript)
• $3,000 Presidential Scholar
• Funds can be used to pay TUITION ONLY.
• Funds are applied to your student financial aid package.
• Funds are split equally between fall and spring semesters.
• Funds are given for a four-semester maximum.

How do you remain eligible?
To remain eligible for scholarship funds, the following requirements must be met:

• Enroll as a full-time student at Iowa Lakes with a minimum of 12 credit hours per semester.
• Maintain a minimum grade point average of 3.5 while at Iowa Lakes Community College.
• Actively participate in scheduled Iowa Lakes honors/community service activities.
• Meet and maintain program requirements.
• Complete the scholarship application each academic year.
• Enroll in no more than one online class per semester.

Honors
Earn Honors credit by completing “in-class honors” activities. Honors activities allow you to:

• Participate in “Honors only” academic and leadership/service activities each semester.
• Interact with fellow Honors students in both on- and off-campus activities.
• Determine both individual and group or club academic pursuits.
• Receive special recognition at graduation.

Online students are not eligible for a Presidential Scholarship.
Eat a Meal in the Student Center!

- Dining services are provided at Emmetsburg, Estherville and Spencer.
- Emmetsburg and Estherville Dining Services offer breakfast, lunch and dinner Monday through Friday; Spencer serves lunch and dinner.
- Various options are available to purchase meals:
  - Cash
  - Meal card for $15.00
  - Meal plans
  - A 15-meal plan is included for students in on-campus housing in Emmetsburg and Estherville
  - A 10-meal plan is included in Spencer on campus housing
  - Meal plans are available for students living off campus

Estimated Costs for Housing & Food Plans

<table>
<thead>
<tr>
<th>Location</th>
<th>Emmetsburg</th>
<th>Emmetsburg 4-plex</th>
<th>Estherville</th>
<th>Estherville</th>
<th>Estherville 4-plex</th>
<th>Spencer 4-plex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residence Hall</td>
<td>Ballaster West</td>
<td>Catamaran</td>
<td>Laker I</td>
<td>Laker II</td>
<td>Eastwind</td>
<td>Lakehouse Port</td>
</tr>
<tr>
<td></td>
<td>Spinnaker East</td>
<td></td>
<td></td>
<td></td>
<td>Rudder</td>
<td>Lakehouse Starboard</td>
</tr>
<tr>
<td>Cost – Semester</td>
<td>15 Meals</td>
<td>$5,260</td>
<td>$5,260</td>
<td>$5,260</td>
<td>$5,260</td>
<td>10 Meals</td>
</tr>
<tr>
<td></td>
<td>17 Meals</td>
<td>$5,530</td>
<td>$5,530</td>
<td>$5,530</td>
<td>$5,530</td>
<td></td>
</tr>
<tr>
<td></td>
<td>19 Meals</td>
<td>$5,800</td>
<td>$5,800</td>
<td>$5,800</td>
<td>$5,800</td>
<td></td>
</tr>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cable &amp; Internet</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of Units</td>
<td>4/11</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>Occupants per Unit</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Free Parking</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Contract Required</td>
<td>One school year</td>
<td>One school year</td>
<td>One school year</td>
<td>One school year</td>
<td>One school year</td>
<td>One school year</td>
</tr>
<tr>
<td>Fall Contracts First Sent</td>
<td>January</td>
<td>January</td>
<td>January</td>
<td>January</td>
<td>January</td>
<td>January</td>
</tr>
<tr>
<td>Fall Roommate Notification</td>
<td>August</td>
<td>August</td>
<td>August</td>
<td>August</td>
<td>August</td>
<td>August</td>
</tr>
</tbody>
</table>

Costs for on-campus housing are comparable to those for off-campus housing. You will need to make your own arrangements with landlords for off-campus housing. Although Iowa Lakes may provide contacts for available housing, this is not a recommendation and Iowa Lakes is not responsible for private arrangements made with landlords.

<table>
<thead>
<tr>
<th>OFF CAMPUS MEAL PLANS: 2-semester costs for meal plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 meals per week</td>
</tr>
<tr>
<td>10 meals per week</td>
</tr>
<tr>
<td>15 meals per week</td>
</tr>
</tbody>
</table>

Meals can also be purchased on an individual basis. Meals are included in on-campus housing contracts.

** 10-meal plans in Spencer provide lunch and dinner Monday through Friday.
## Estimated Tuition & Fees

### Iowa Residents or Veterans/Active Military

<p>| | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Full-time</td>
<td>Part-time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(16 credit hours) per semester:</td>
<td>per semester hour:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition</td>
<td>$3,008.00</td>
<td>$188.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Fee</td>
<td>160.00</td>
<td>10.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology Fee</td>
<td>160.00</td>
<td>10.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base Fee</td>
<td>10.00</td>
<td>2.25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Fee</td>
<td>36.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$3,374.00</strong></td>
<td><strong>$210.25</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Minnesota Residents

|                      |               |               |               |               |               |               |               |               |
|                      | Full-time     | Part-time     |               |               |               |               |               |               |
|                      | (16 credit hours) costs per semester: | per semester: |               |               |               |               |               |               |
| Tuition              | $3,088.00     | $193.00       |               |               |               |               |               |               |
| General Fee          | 160.00        | 10.00         |               |               |               |               |               |               |
| Technology Fee       | 160.00        | 10.00         |               |               |               |               |               |               |
| Base Fee             | 10.00         | 2.25          |               |               |               |               |               |               |
| Activity Fee         | 36.00         |               |               |               |               |               |               |               |
| **TOTAL**            | **$3,454.00** | **$215.25**   |               |               |               |               |               |               |

### Out-of-state & International Residents

|                      |               |               |               |               |               |               |               |               |
|                      | Full-time     | Part-time     |               |               |               |               |               |               |
|                      | (16 credit hours) costs per semester: | per semester: |               |               |               |               |               |               |
| Tuition              | $3,184.00     | $199.00       |               |               |               |               |               |               |
| General Fee          | 160.00        | 10.00         |               |               |               |               |               |               |
| Technology Fee       | 160.00        | 10.00         |               |               |               |               |               |               |
| Base Fee             | 10.00         | 2.25          |               |               |               |               |               |               |
| Activity Fee         | 36.00         |               |               |               |               |               |               |               |
| **TOTAL**            | **$3,550.00** | **$221.25**   |               |               |               |               |               |               |

## Estimated Yearly Costs

### (2 Semesters – 16 Credit Hours/Semester)

|                      |               |               |               |               |               |               |               |               |
|                      | Iowa Residents or Veterans/Active Military |             |               |               |               |               |               |               |
| Tuition & fees       | $6,748.00     |               |               |               |               |               |               |               |
| Books & supplies     | 1,694.00      |               |               |               |               |               |               |               |
| Room & board         | 6,520.00      |               |               |               |               |               |               |               |
| **TOTAL**            | **$14,962.00** |               |               |               |               |               |               |               |

### Minnesota Residents

|                      |               |               |               |               |               |               |               |               |
|                      | Tuition & fees | Books & supplies | Room & board |               |               |               |               |               |
| Tuition              | $6,908.00     | 1,694.00      | 6,520.00      |               |               |               |               |               |
| **TOTAL**            | **$15,122.00** |               |               |               |               |               |               |               |

### Out-of-state & International Residents

|                      |               |               |               |               |               |               |               |               |
|                      | Tuition & fees | Books & supplies | Room & board |               |               |               |               |               |
| Tuition              | $7,100.00     | 1,694.00      | 6,520.00      |               |               |               |               |               |
| **TOTAL**            | **$15,314.00** |               |               |               |               |               |               |               |

### Potential miscellaneous/personal expenses

|                      |               |               |               |               |               |               |               |               |
|                      | $3,182.00     |               |               |               |               |               |               |               |

## Refund Policy

In the event a student withdraws from a course, the student may receive a refund based on the dates of the courses enrolled. Refunds are calculated on the total tuition paid. Refunds for courses shorter than a standard term in length, or for courses on non-standard calendars, may be prorated.

## Nelnet Payment Plan

Nelnet plan is not a loan. It is an interest-free program that allows you to make monthly payments for your tuition and fees. Iowa Lakes has designed a schedule that specifies the number of months you are allowed to budget. Cost to budget is a non-refundable $25 per semester. This fee is automatically deducted from your account within 14 days of processing your agreement form by Nelnet.

Payments are processed on the 5th of each month and continue until the balance is paid in full. If a credit/debit card is used, a convenience fee in addition to the enrollment fee is assessed.

For more information about Nelnet payment plans, call Iowa Lakes Community College at 712-852-5224 or Nelnet Business Solutions toll free at 800-609-8056.

*Estimated fees: The Board of Trustees reserves the right to change tuition and fees without notice.

* Students in some programs may have additional expenses for tools and equipment. See Aviation & Airport Management page for flight fees.

Iowa Lakes charges a $30.00 fee for checks returned for insufficient funds. These charges are added to your account when a check is processed.

The complete policy on tuition and fees payment is available in the Business Offices and includes further operating guidelines.
Transfer Degrees
Iowa Lakes Community College now offers transfer majors for students who want to transfer to one of Iowa’s regent universities (Iowa State University, the University of Iowa, or the University of Northern Iowa).

Transfer Major at Iowa Lakes
- Biology Transfer Major (AS)
- Business Transfer Major (AA)
- Chemistry Transfer Major (AS)
- Criminal Justice Transfer Major (AA)
- Mathematics Transfer Major (AS)
- Physics Transfer Major (AS)
- Psychology Transfer Major (AA)
- Sociology Transfer Major (AA)

Each Associate of Arts or Associate of Science transfer major degree is designed for students transferring to a four-year institution to study a specific major and to provide the first two years of a bachelor’s degree program. By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major degree recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA.

Transfer Majors at Iowa Lakes provide a complete blueprint for your move to a 4-year college or university. You have a goal … we have the plan.
Biology Transfer Major

About

Start your Biology career at Iowa Lakes! Gain the skills and knowledge necessary for one of many exciting career fields relating to Biology, such as forensics, conservation, healthcare, pharmaceutical sales, teaching, and more.

Earn your Associate of Science degree in Biology before transferring to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AS degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Feel confident having completed biology and chemistry with labs, as well as calculus, before even graduating from Iowa Lakes.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AS Degree
Campus: Estherville

Faculty Contact

Brian Bristow
bbristow@iowalakes.edu | 712-362-7989

CURRICULUM

First Year – Fall Semester (16.00 credits)
BIO 112 – General Biology I (4.00)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
MAT 211 – Calculus I (5.00)
SDV 103 – Successful Learning (1.00)

First Year – Spring Semester (16.00 credits)
BIO 113 – General Biology II (4.00)
ENG 106 – Composition II (3.00)
SPC 101 – Fundamentals of Oral Communication or
SPC 112 – Public Speaking or
SPC 122 – Interpersonal Communication (3.00)
Social Science (3.00)
Humanities (3.00)

Second Year – Fall Term (16.00 credits)
CHM 166 – General Chemistry I (5.00)
Social Science (3.00)
Electives (8.00)

Second Year – Spring Term (16.00 credits)
CHM 176 – General Chemistry II (5.00)
Electives (11.00)
Business Transfer Major

About

Be ready to begin your business degree at Iowa Lakes! Acquire training and skills necessary to succeed in one of the many profitable and steady career fields relating to business, such as accountant, financial analyst, actuary, college admission representative, teacher, and more.

Earn your Associate of Arts degree in Business before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AA degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Feel confident with having completed Principles of Accounting I and II, as well as Macroeconomics and Microeconomics before even graduating from Iowa Lakes.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AA Degree
Campus: ALL Campuses

Faculty Contact

Johnny Hurley
jhurley@iowalakes.edu | 712-362-7994

CURRICULUM

First Year – Fall Term (15.00 credits)
ACC 131 – Principles of Accounting I (4.00)
CSC 116 – Information Computing (3.00)
ENG 105 – Composition I (3.00)
MAT 157 – Statistics (4.00)
SDV 103 – Successful Learning (1.00)

First Year – Spring Term (16.00 credits)
ACC 132 – Principles of Accounting II (4.00)
BUS 212 – Business Statistics II (3.00)
ENG 106 – Composition II (3.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)
Humanities (3.00)

Second Year – Fall Term (16.00 credits)
BUS 185 – Business Law (3.00)
ECN 120 – Principles of Macroeconomics (3.00)
Humanities (3.00)
Science (4.00)
Elective (3.00)

Second Year – Spring Term (17.00 credits)
ECN 130 – Principles of Microeconomics (3.00)
Humanities (3.00)
Science (4.00)
Social Science (3.00)
Elective (4.00)
Chemistry Transfer Major

About

Chemistry is a big part of everyday life and is a growing field with many exciting job opportunities! Iowa Lakes will set you on the right track for a career in Chemistry, including chemical engineer, teacher, pharmacologist, forensic chemist, and more.

Earn your Associate of Science degree in Chemistry before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AS degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Complete courses in General and Organic Chemistry with labs, as well as Calculus, before even graduating from Iowa Lakes.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AS Degree
Campus: Estherville

Faculty Contact

Dr. Tanner Metz
tmetz@iowalakes.edu | 712-362-7959

CURRICULUM

First Year – Fall Term (17.00 credits)
CHM 166 – General Chemistry I (5.00)
ENG 105 – Composition I (3.00)
MAT 211 – Calculus I (5.00)
SDV 103 – Successful Learning (1.00)

First Year – Spring Term (16.00 credits)
CHM 176 – General Chemistry II (5.00)
ENG 106 – Composition II (3.00)
MAT 217 – Calculus II (5.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)

Second Year – Fall Term (15.00 credits)
CHM 263 – Organic Chemistry I (5.00)
CSC 110 – Intro to Computers (3.00)
Social Science (3.00)
Electives (4.00)

Second Year – Spring Term (16.00 credits)
CHM 273 – Organic Chemistry II (5.00)
Social Science (3.00)
Elective (8.00)
Criminal Justice Transfer Major

About

Criminal justice is a diverse and in-demand field. Leaning into law, sociology, behavioral science and civics, a Criminal Justice Transfer Major provides a solid understanding of the study of crime and its effect on our communities. A criminal justice degree offers many professional job opportunities, including correctional officer, police officer, detective, forensic scientist, private investigator, and many more.

Earn your Associate of Arts degree in Criminal Justice before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AA degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Gain knowledge in introductory criminal justice classes such as Juvenile Delinquency and Criminal Law, as well as Sociology and Statistics courses.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AA Degree
Campus: Estherville

CURRICULUM

First Year – Fall Term (16.00 credits)
CRJ 100 – Intro to Criminal Justice (3.00)
CRJ 201 – Juvenile Delinquency (3.00)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
POL 111 – American National Government (3.00)
SDV 103 – Successful Learning (1.00)

First Year – Spring Term (15.00 credits)
CRJ 200 – Criminology (3.00)
ENG 106 – Composition II (3.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)
Humanities (3.00)
Math (3.00)

Second Year – Fall Term (17.00 credits)
CRJ 130 – Criminal Law (3.00)
MAT 157 – Statistics (4.00)
SOC 110 – Intro to Sociology (3.00)
Humanities (3.00)
Science (4.00)

Second Year – Spring Term (16.00 credits)
CRJ 133 – Constitutional Criminal Procedure (3.00)
Humanities (3.00)
Science (4.00)
Social Science (3.00)
Elective (3.00)

Faculty Contact

Chris Gerstbrein
cgerstbrein@iowalakes.edu | 712-362-7981
Math Transfer Major

About

Add your love for numbers to a future career you can count on. An incredible career in math begins at Iowa Lakes! Careers in math are diverse and plentiful. Job opportunities include accountant, teacher, engineer, statistician, banker, analyst, and more.

Earn your Associate of Science degree in Math before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AS degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Complete core courses Calculus I, II, III, as well as Statistics before even graduating from Iowa Lakes.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AS Degree
Campus: Estherville

Faculty Contact

Matt Strom
mstrom@iowalakes.edu | 712-362-7996

CURRICULUM

First Year – Fall Term (16.00 credits)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
MAT 157 – Statistics (4.00)
MAT 211 – Calculus I (5.00)
SDV 103 – Successful Learning (1.00)

First Year – Spring Term (15.00 credits)
ENG 106 – Composition II (3.00)
MAT 217 – Calculus II (5.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)
Science (4.00)

Second Year – Fall Term (17.00 credits)
MAT 218 – Calculus III (3.00)
Humanities (3.00)
Social Science (3.00)
Electives (8.00)

Second Year – Spring Term (16.00 credits)
MAT 227 – Differential Equations with Laplace Transforms (4.00)
Social Science (3.00)
Electives (9.00)
Physics Transfer Major

About

Start your career in physics at Iowa Lakes! Develop the knowledge and principles to succeed in one of the many exciting career fields involving physics, including data analyst, teacher, lab technician, software engineer, and more.

Earn your Associate of Science degree in Physics before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AS degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Complete courses in Classical Physics I and II, as well as Calculus I, II and III, before even graduating from Iowa Lakes.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AS Degree
Campus: Estherville

Faculty Contact

Erica Kilian
ekilian@iowalakes.edu | 712-362-7957

CURRICULUM

First Year — Fall Term (15.00 credits)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
MAT 211 – Calculus I (5.00)
SDV 103 – Successful Learning (1.00)
Elective (3.00)

First Year — Spring Term (17.00 credits)
ENG 106 – Composition II (3.00)
MAT 217 – Calculus II (5.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)
Humanities (3.00)
Social Science (3.00)

Second Year — Fall Term (17.00 credits)
MAT 218 – Calculus III (3.00)
PHY 212 – Classical Physics I (5.00)
Social Science (5.00)
Electives (6.00)

Second Year — Spring Term (15.00 credits)
MAT 227 – Differential Equations with Laplace Transforms (4.00)
PHY 222 – Classical Physics II (5.00)
Electives (6.00)
Psychology Transfer Major

About

If you find the human mind fascinating and want to learn how it works, a career in psychology might be something to think about! Psychology offers many professional job opportunities, including correctional officer, human service or social work assistant, career advisor, guidance counselor, teacher, victim advocate, and many more. Iowa Lakes will start you on the path to a fulfilling and exciting career.

Earn your Associate of Arts degree in Psychology before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of the AA degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Gain knowledge in introductory psychology classes as well as social science and human behavior courses.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AA Degree
Campus: All Campuses

Faculty Contact

Rachel Higgins
rhiggins@iowalakes.edu | 712-362-7998

CURRICULUM

First Year – Fall Term (16.00 credits)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
PSY 111 – Intro to Psychology (3.00)
SDV 103 – Successful Learning (1.00)
Humanities (3.00)
Elective (3.00)

First Year – Spring Term (17.00 credits)
BIO 105 – Introductory Biology (4.00)
ENG 106 – Composition II (3.00)
MAT 157 – Statistics (4.00)
PSY 121 – Development Psychology (3.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)

Second Year – Fall Term (16.00 credits)
PHI 101 – Intro to Philosophy (3.00)
PSY 251 – Social Psychology (3.00)
Math (3.00)
Science (4.00)
Elective (3.00)

Second Year – Spring Term (15.00 credits)
Humanities (5.00)
Social Science (5.00)
Elective (9.00)
Sociology Transfer Major

About

Sociology provides a critical understanding about how the world works. If you enjoy studying cultural and social interactions, Iowa Lakes can start you on the path to a valuable and rewarding career! Some of the professions sociology majors choose include police officer, family support worker, probation officer, juvenile court counselor, substance abuse counselor, and more.

Earn your Associate of Arts degree in Sociology before transferring on to a regent university (University of Iowa, Iowa State or University of Northern Iowa) to complete your Bachelor of Science degree. Completion of an AA degree at Iowa Lakes will satisfy the required general education prerequisites at the regent of your choosing. Gain knowledge in introductory sociology courses such as Social Psychology, Social Problems, and Marriage and Family.

By earning this degree, you’ll have met the general course requirements for a specific major of a four-year institution and a transfer major recorded on your transcripts from Iowa Lakes. Requirements may vary among institutions so students should work with an advisor to become familiar with specific requirements of the institution which they plan to transfer.

To earn a Transfer Major Degree, a student must complete all required coursework of that specific major and maintain a 2.0 GPA or higher.

CURRICULUM

First Year — Fall Term (16.00 credits)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
POL 111 – American National Government (3.00)
SDV 103 – Successful Learning (1.00)

First Year — Spring Term (16.00 credits)
ENG 106 – Composition II (3.00)
MAT 157 – Statistics (4.00)
SOC 110 – Intro to Sociology (3.00)
SOC 115 – Social Problems (3.00)
SPC 101 – Fundamentals of Oral Communication or SPC 112 – Public Speaking or SPC 122 – Interpersonal Communication (3.00)

Second Year — Fall Term (16.00 credits)
PSY 251 – Social Psychology (3.00)
SOC 120 – Marriage and Family (3.00)

Second Year — Spring Term (16.00 credits)
Humansities (5.00)
Electives (9.00)

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms
Degree: AA Degree
Campus: ALL Campuses

Faculty Contact

Rachel Higgins
rhiggins@iowalakes.edu | 712-362-7998
Transfer Options

Are you looking to obtain a Bachelor’s degree or higher? Iowa Lakes Community College is a great first step toward reaching your ultimate goal. Many of our courses are designed for transfer credibility.

Transfer Planning

Planning is the key to a smooth transfer. Meet with your transfer school early to learn their requirements. Then, start working with your Iowa Lakes advisor to plan the courses you need to transfer into your major.

Transfer with an Associate in Arts or Associate in Science Degree

Completing an Associate in Arts or Associate in Science degree makes it easy to transfer to another college or university. For many private colleges and universities in Iowa and surrounding states, you can transfer as a junior after meeting your freshman and sophomore requirements. Then you’ll complete the last two years of your bachelor’s degree.

The Associate in Arts (AA) degree is generally accepted as the first two years of college, but may vary by institution. The Associate in Science (AS) degree and Associate in Applied Science (AAS) degree are typically transferred on a course-by-course basis.

Transfer with an Associate in Applied Science or What To Do If There is No Formal Transfer Agreement

In either case, begin working with advisors from the transfer school as early as possible to ensure you take the correct coursework at Iowa Lakes. Refer your transfer advisor to the Iowa Lakes online catalog so they can best advise you on what courses you need to finish your four-year degree. Get this information in writing and keep it with you through your Iowa Lakes journey.

Some transfer colleges evaluate your transcript on a course-by-course basis and may require you to take different general education core courses than those required by Iowa Lakes. Your Iowa Lakes advisor can help you meet their requirements at the same time as meeting those at Iowa Lakes.

Keep the following in mind when planning your coursework to transfer:

- When transcripts are evaluated on a course-by-course basis, many colleges do not give credit if you have lower than a ‘C’ in the course.
- Most colleges apply only 64 semester credit hours from the two-year program toward the completion of your four-year degree. Any extra credit hours are counted in your course total, but won’t count toward graduation requirements.
- You may be able to transfer all your credits and still be required to take more general education core courses at the transfer college. Depending on how much credit you get for vocational and technical courses, this can mean you have fewer upper level courses to take.

ASSOCIATE IN ARTS (AA) DEGREE TRANSFER OPTIONS

The Associate in Arts (AA) degree is generally accepted as the first two years of college but may vary by institution. Complete your AA at Iowa Lakes, then transfer into a four-year program with a major in the areas listed below:

- Accounting
- Agribusiness
- Agriculture Communication
- Agriculture Education
- Agriculture Studies
- Agronomy
- Animal Science
- Architecture
- Art
- Arts Management – Art
- Arts Management – Music
- Astronomy, Astrophysics & Space
- Athletic Training
- Biology
- Business
- Business Administration
- Business Management
- Chemistry
- Chiropractic
- Communication Studies
- Computer Science
- Counseling
- Criminal Justice
- Dentistry
- Early Childhood Education
- Education/Teaching
- Engineering
- English/Speech Education
- Environmental Science
- Event Planning
- Family & Consumer Sciences
- Family or Community Service
- Finance
- Graphic Design
- Geology
- History
- Horticulture
- Law
- Liberal Arts and Sciences
- Library Science
- Marketing
- Mathematics
- Medical Technology
- Medicine
- Meteorology
- Mortuary Science
- Music
- Natural Resource Management
- Nursing
- Optometry
- Pharmacy
- Physical Education – Teaching or Coaching
- Physical Therapy
- Physics
- Political Science
- Psychology
- Recreation & Sports Management
- Social Media
- Social Work
- Sociology
- Spanish
- Veterinary Medicine
The Associate in Arts transfer degree is designed to provide the first two years of a typical college or university bachelor’s degree program in liberal arts, general education or pre-professional studies. By earning this degree, you’ll have met the general requirements at several area colleges and universities. Work with your advisor for recommended courses within each requirement based on your area of interest.

To earn the Associate in Arts transfer degree, complete the following:

- Earn a minimum of 64 semester credits.
- Earn a minimum cumulative grade point average (GPA) of 2.00 or higher.
- Complete general requirements, totaling 40 or more semester credits.

<table>
<thead>
<tr>
<th>Communications (10 credits)</th>
<th>Social Science (9 credits from two or more areas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-105 Composition I</td>
<td>Area I</td>
</tr>
<tr>
<td>ENG-106 Composition II</td>
<td>__HIS-110/111 Western Civiliz *</td>
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<tr>
<td>SDV-103 Successful Learning</td>
<td>Area II</td>
</tr>
<tr>
<td>SPC-101 Fund of Oral Communications</td>
<td>__HIS-151/152 U.S. History</td>
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<tr>
<td>SPC-112 Public Speaking</td>
<td>Area III</td>
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<tr>
<td>SPC-122 Interpersonal Communications</td>
<td>__PSY-111 Intro to Psychology</td>
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<td>__PSY-121 Developmental Psych</td>
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<td>__PSY-211 Psych. of Adjustment</td>
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<td>__PSY-241 Abnormal Psychology</td>
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<td>__PSY-251 Social Psychology</td>
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<tr>
<td>Science (8 or more credits)</td>
<td>Area IV</td>
</tr>
<tr>
<td>BIO-105 Introductory Biology</td>
<td>__ECN-120 Prin of Macroeconomics</td>
</tr>
<tr>
<td>BIO-112 General Biology I</td>
<td>__ECN-150 Prin of Microeconomics</td>
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<tr>
<td>BIO-113 General Biology II</td>
<td>Area V</td>
</tr>
<tr>
<td>BIO-141 Ecol &amp; Env Concepts</td>
<td>__SOC-110 Intro to Sociology</td>
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<td>BIO-163 Essent of Hm Anat &amp; Phys</td>
<td>__SOC-115 Social Problems</td>
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<tr>
<td>BIO-168 Anatomy &amp; Physiology I</td>
<td>Area VI</td>
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<tr>
<td>BIO-186 Microbiology</td>
<td>__POL-112 Amer. St. &amp; Lcl Gov.</td>
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<tr>
<td>CHM-151 College Chemistry I</td>
<td>Area VII</td>
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<tr>
<td>CHM-152 College Chemistry II</td>
<td>__ANT-105 Cultural Anthropology</td>
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<tr>
<td>CHM-165 General Chemistry I</td>
<td>__GEO-121 Wrd Rgnl Geography</td>
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<tr>
<td>CHM-166 General Chemistry II</td>
<td>__HIS-201Iowa History</td>
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<td>CHM-190 Intro to Forensic Chemistry</td>
<td>__MMS-101 Mass Media</td>
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<td>PHS-113 Intro to Physical Science</td>
<td>__POL-110 Intro to Political Sci.</td>
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<td>PHS-166 Meteorology, Weather &amp; Climate4</td>
<td>__SOC-120 Marriage and Family</td>
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<tr>
<td>PHS-187 Intro to Earth Science</td>
<td>__SOC-186 Cont. Global Issues</td>
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<tr>
<td>PHY-162/172 College Physics I/II</td>
<td>__SOC-200 Minority Group Rlts</td>
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<tr>
<td>PHY-212/222 Classical Physics I/II</td>
<td>Area III</td>
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<tr>
<td>Mathematics (5 or more credits)</td>
<td>__MUS-100 Music Appreciation</td>
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<td>MAT-110 Math for Liberal Arts</td>
<td>__MUS-205 History of American Music</td>
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<td>MAT-140 Finite Math</td>
<td>__MUS-205 Jazz History &amp; Appr.</td>
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<td>MAT-156/157 Statistics OR</td>
<td>__ART-101 Art Appreciation</td>
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<tr>
<td>BUS-211/212 Business Statistics</td>
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<tr>
<td>MAT-120 College Algebra</td>
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<tr>
<td>MAT-121 College Algebra</td>
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<tr>
<td>MAT-127 College Algebra &amp; Trig</td>
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<tr>
<td>MAT-210 Calculus I</td>
<td>__</td>
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<tr>
<td>MAT-211 Calculus I</td>
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<td>MAT-217 Calculus II</td>
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<tr>
<td>MAT-218 Calculus III</td>
<td>__</td>
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<tr>
<td>MAT-225 Differential Equations</td>
<td>__</td>
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<tr>
<td>Computers (3 credits)</td>
<td>(some transfer colleges have higher minimum requirements, such as MAT-127)</td>
</tr>
<tr>
<td>CSC-110 Intro to Computers</td>
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<tr>
<td>CSC-116 Information Computing</td>
<td>__</td>
</tr>
<tr>
<td>BCA-212 Intro to Comp Apps in Business</td>
<td>__</td>
</tr>
<tr>
<td>BCA-218 Adv Microsoft Office Apps</td>
<td>__</td>
</tr>
</tbody>
</table>

Area IV

- PHI-101 Intro to Philosophy 3
- PHI-105 Introduction to Ethics 3
- REL-101 Survey of World Religions 3

Area V

- HIS-110/111 Western Civiliz. 3
- MMS-101 Mass Media 3
- SOC-186 Cont. Global Issues 3

* Use credits for Social Science or Humanities requirements, not for both.

Plus Electives to Total 64 Term Credits: may include up to 16 vocational/technical credits; do not include developmental courses or special needs courses.

** Total Credit Hours **

*64 credit hours are required to graduate*
A.S. Degree Requirements

The Associate in Science transfer degree is designed to provide the first two years of a typical college or university bachelor's degree program in liberal arts, general education or pre-professional studies. By earning this degree, you'll have met the general requirements at several area colleges and universities. Work with your advisor for recommended courses within each requirement based on your area of interest.

To earn the Associate in Science transfer degree, complete the following:
- Earn a minimum of 64 semester credits.
- Earn a minimum cumulative grade point average (GPA) of 2.00 or higher.
- Complete general requirements, totaling 40 or more semester credits.

**Communications (10 credits)**
Required:
- ENG-105 Composition I 3
- ENG-106 Composition II 3
- SDV-103 Successful Learning 1

Choose ONE of the following:
- BCA-218 Adv Microsoft Office Apps
- CSC-110 Intro to Computers
- SOC-186 Cont. Global Issues*
- SOC-120 Marriage & Family
- POL-110 Intro to Political Science
- MMS-101 Mass Media*
- GEO-121 World Regional Geography
- ANT-105 Cultural Anthropology
- PSY-251 Social Psych
- PSY-241 Abnormal Psych
- PSY-211 Psych of Adjustment
- PSY-121 Developmental Psych
- PSY-111 Intro to Psych

Take a minimum of 20 total credits from Mathematics & Science. Must take one math and one science course.

**Mathematics**
- MAT-110 Math for Liberal Arts 3
- MAT-140 Finite Math 3
- MAT-156/BUS-211 Stats 3
- MAT-157 Stats 4
- BUS-212 Business Statistics 3
- MAT-120 College Algebra 3
- MAT-121 College Alg 4
- MAT-127 College Algebra & Trig 5
- MAT-210 Calculus I 4
- MAT-211 Calculus I 5
- MAT-217 Calculus II 5
- MAT-218 Calculus III 3
- MAT-225 Differential Equations 3

Area I
- HIS-110/111 Western Civ.* 3
- HIS-151/152 U.S. History 3

Area II
- PSY-111 Intro to Psych 3
- PSY-121 Developmental Psych 3
- PSY-211 Psych of Adjustment 3
- PSY-241 Abnormal Psych 3
- PSY-251 Social Psych 3

Area VI
- ECN-120 Prin. Of Macroeconomics 3
- ECN-150 Prin. Of Microeconomics 3

Area V
- SOC-110 Intro to Sociology 3
- SOC-115 Social Problems 3

Area VII
- ANT-105 Cultural Anthropology 3
- GEO-121 World Regional Geography 3
- HIS-201 Iowa History 3
- MMS-101 Mass Media* 3
- POL-110 Intro to Political Science 3
- SOC-120 Marriage & Family 3
- SOC-186 Cont. Global Issues * 3
- SOC-200 Minority Group Relations 2

**Computers (3 semester credits)**
- CSC-110 Intro to Computers 3
- CSC-116 Information Computing 3
- BCA-212 Intro to Comp Apps In Business 3
- BCA-218 Adv Microsoft Office Apps 3

**Social Sciences (6 semester credits from TWO or more areas)**
Area I
- LIT-184 You Young Adult Lit. 3
- LIT-150 World Lit I 3
- LIT-110 American Lit to mid-1800 3
- LIT-111 Am Lit since 3
- LIT-150 World Lit II 3
- LIT-161 The Short Story 3
- LIT-184 Young Adult Lit 3

Area II
- MUS-100 Music Apprec. 3
- MUS-203 History of American Music 3
- MUS-205 Jazz History & Appreciation 3

Area III
- ART-101 Art Appreciation 3

Area IV
- PHI-101 Intro to Philosophy 3
- PHI-105 Intro to Ethics 3
- REL-101 Survey of World Religion 3

Area V
- FL-XXX (any foreign lang.) 3

Area VI
- HIS-110/111 Western Civ.* 3
- MMS-101 Mass Media* 3
- SOC-186 Cont. Glob. Iss.* 3

*Use credits for Social Science or Humanities requirements, not for both.

**Plus Electives to Total 64 Term Credits:** may include up to 16 vocational/technical credits; do not include developmental courses or special needs courses.

**Total Credit Hours**
- 64 credit hours are required to graduate

Communications
- Science
- Mathematics
- Computers
- Social Sciences
- Humanities
- Electives
- Total

| Iowa Lakes Community College | 19 |
Career & Technical Programs
Career & Technical Options

Iowa Lakes offers a wide variety of academic and job training programs that allow you to gain relevant experiences and quality education in preparation for your career. Whether you want to pursue work in an office setting (business specialist, administrative professional), a creative field (graphic design, photography) or as a technician (HVAC, engineering), you’ll find what you need to start a purposeful career right here.

<table>
<thead>
<tr>
<th>ASSOCIATE IN APPLIED SCIENCE (A.A.S.) Program</th>
<th>Online Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Specialist</td>
<td>100%</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>50%+</td>
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<tr>
<td>Agribusiness Technology</td>
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<tr>
<td>Agriculture Production Technology</td>
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<tr>
<td>Automotive Technology</td>
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<tr>
<td>Aviation &amp; Airport Management</td>
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<tr>
<td>Boat &amp; Watercraft Technician</td>
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<tr>
<td>Business Administration &amp; Management</td>
<td>100%</td>
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<tr>
<td>Computer Programming</td>
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<tr>
<td>Construction Technology</td>
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<td>Cosmetology</td>
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<tr>
<td>Criminal Justice</td>
<td>50%+</td>
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<tr>
<td>Digital, Social &amp; Broadcast Productions</td>
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<tr>
<td>Early Childhood Education</td>
<td>50%+</td>
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<tr>
<td>Electrical Technology</td>
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<td>Engineering Technology</td>
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<td>Environmental Studies</td>
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<td>Farm Equipment &amp; Diesel Technology</td>
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<td>Game Design &amp; Development</td>
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<td>Graphic Design</td>
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<tr>
<td>Heating, Ventilation &amp; Air Conditioning Technology</td>
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<tr>
<td>Hotel &amp; Restaurant Management</td>
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<tr>
<td>Human Services</td>
<td>100%</td>
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<tr>
<td>Nursing – Associate Degree (ADN)</td>
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<tr>
<td>Paralegal &amp; Legal Studies</td>
<td>100%</td>
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<tr>
<td>Powersports &amp; Power Equipment Technology</td>
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<tr>
<td>Sales &amp; Marketing Management</td>
<td>75%+</td>
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<tr>
<td>Substance Abuse Counseling</td>
<td>75%+</td>
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<tr>
<td>Surgical Technology</td>
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<td>Veterinary Technician</td>
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<td>Water Quality Technician</td>
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<tr>
<td>Wind Energy &amp; Turbine Technology</td>
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<th>DIPLOMA Program</th>
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<tr>
<td>Accounting</td>
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<tr>
<td>Administrative Support Specialist</td>
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<tr>
<td>Business Specialist</td>
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<tr>
<td>Construction Technology</td>
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<tr>
<td>Early Childhood Education</td>
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<tr>
<td>Graphic Specialist</td>
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<tr>
<td>Heating, Ventilation &amp; Air Conditioning Technology</td>
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<td>Hospitality Services</td>
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<td>Marine Service Technology</td>
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<td>Massage Therapy</td>
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<td>Medical Assistant Specialist</td>
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<td>Medical Office Technology</td>
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<td>Nursing – Practical (PN)</td>
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<td>Parts Sales &amp; Inventory Control</td>
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<td>Photography Specialist</td>
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<td>Powersports &amp; Power Equipment Technology</td>
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<td>Sales &amp; Marketing Management</td>
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<td>Welding</td>
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<td>Wind Energy &amp; Turbine Technology</td>
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<tr>
<th>CERTIFICATE Program</th>
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<tbody>
<tr>
<td>Certified Professional Bookkeeper</td>
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<td>Welding</td>
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About

Do you like working with numbers, organizing data and communicating with people? Then a career in accounting may be the perfect fit for you. Here at Iowa Lakes, you have the option of pursuing a Certified Professional Bookkeeper Certificate, an Accounting Diploma or an Associate in Applied Science Degree as an Accounting Specialist.

Learn something new every day while acquiring the skills and knowledge needed to succeed in an accounting career. Become familiar with the basic principles of accounting and discover the variety of specialties within this industry, including public accounting, private accounting or governmental and nonprofit accounting.

Prepare for a recession-proof career in a field that’s stimulating, challenging and constantly evolving. Learn how the business world works and gain the skills and experience of a specialist.

Careers

Staff Accountant, Cost Accountant, Payroll Accountant, Accounts Receivable, Accounts Payable, Office Manager, Billing Specialist, Inventory Clerk

Program Details

Enrollment Date: Any Term
Program Length: 3 to 5 Terms
Degree: Diploma (35 credits), or Associate in Applied Science (70 credits)
Campus: Any and Online

Faculty Contact

Lecia Berven
lberven@iowalakes.edu | 712-362-8399

CURRICULUM

First Year – Fall Term (17.00 credits)
ACC 151 – Principles of Accounting (4.00)
ACC 161 – Payroll Accounting (3.00)
BUS 175 – Business Seminar I (1.00)
CSC 110 – Introduction to Computers (3.00)
ENG 105 – Composition I (3.00)
MAT 110 – Math for Liberal Arts (3.00)

First Year – Spring Term (19.00 credits)
ACC 152 – Principles of Accounting II (4.00)
ACC 310 – Computer Accounting (2.00) or ACC 311 – Computer Accounting (3.00)
BUS 211 – Business Statistics (4.00)
SPC 101 – Fundamentals of Oral Communication (3.00)
Humanities (3.00)
Social Science (3.00)

First Year – Summer Term (3.00 credits)
ACC 941 – Practicum (3.00) or ENG 106 – Composition II (3.00)

Second Year – Fall Term (15.00 credits)
ACC 221 – Cost Accounting (3.00)
ACC 235 – Intermediate Accounting I (4.00)
ACC 261 – Income Tax Accounting (3.00)
ACC 929 – Individual Projects (2.00)
ECN 120 – Macroeconomics (3.00)

Second Year – Spring Term (16.00 credits)
ACC 232 – Intermediate Accounting II (4.00) or ACC 702 – Certified Bookkeeper Review (4.00)
BUS 215 – Business Correspondence (2.00)
ECN 130 – Microeconomics (3.00)
BCA 218 – Adv Microsoft Office Applications (3.00) or BUS 102 – Introduction to Business (3.00) or MGT 101 – Principles of Management (3.00)
Science (4.00)
Administrative Assistant

About
Develop the technical, business and professional skills needed to run an organized and efficient department while earning an Associate in Applied Science degree. Administrative assistants are needed across the world in a variety of office settings. Learn a valuable skill—set you can take anywhere through our Administrative Assistant program. Whether you choose to work in legal, accounting, insurance or education, you’ll have a strong foundation of business and computer knowledge.

Today’s fast-paced work environment places an increased demand for administrative assistants to have high computer and technological skills. Through our Administrative Assistant program, you will receive training on web page design, word processing, computer applications, keyboarding, calculating management, transcription and accounting courses. Prepare for the Microsoft Office Specialist certification in Word, Excel and PowerPoint and training in our high-tech computer lab. You may also choose to further your professional development by participating in Business Professionals of America’s state and national competitions.

Careers
Executive Assistant, Loss Prevention Manager, Cost Estimator, Administrative Sales, Customer Service Representative, Office Specialist, Office Manager

Program Details
Enrollment Date: Any Term
Program Length: 4 Terms
Degree: Associate in Applied Science (68 credits)
Campus: Emmetsburg

CURRICULUM
First Year – Fall Term (16.00 credits)
ACC 131 – Principles of Accounting I (4.00) or
ACC 111 – Introduction to Accounting (5.00)
ADM 116 – Keyboarding II (3.00)
ADM 132 – Business Math and Calculators (2.00)
ADM 254 – Business Professionalism (1.00)
CSC 110 – Introduction to Computers (5.00)
SPC 101 – Fundamentals of Oral Communication (5.00)

First Year – Spring Term (16.00 credits)
ADM 162 – Office Procedures (3.00)
ADM 255 – Business Professionalism II (1.00)
BCA 134 – Word Processing (3.00)
ENG 105 – Composition I (5.00)
Choose 6 elective credits, suggest:
BCA 185 – Beginning Webpage Development (3.00)
ACC 161 – Payroll Accounting (3.00)

Second Year – Fall Term (16.00 credits)
ADM 354 – Business Professionalism III (1.00)
ADM 941 – Practicum (5.00)
MAT 110 – Math for Liberal Arts (3.00)
Science (4.00)
Social Science (3.00)

Second Year – Spring Term (20.00 credits)
ADM 355 – Business Professionalism IV (1.00)
BUS 161 – Human Relations (5.00)
ENG 106 – Composition II (5.00)
Business Elective (3.00)
Humanities (5.00)
Social Science (3.00)
Science (4.00)

Faculty Contact
Deb Jones
djones@iowalakes.edu | 712-852-5241

Iowa Lakes Community College
Administrative Support Specialist

About

Develop the technical, business and professional skills needed to be a proficient office professional while earning a diploma in our Administrative Support Specialist program. Today’s fast-paced work environment places an increased demand for office workers to have high computer and technological skills. You will receive adequate training from various computer and business courses to thrive in the workplace.

Expand your knowledge with job-related courses such as Office Procedures, Beginning Web Development and Payroll Accounting. You’ll have the opportunity to prepare for the Microsoft Office Specialist Certification testing by completing word processing and spreadsheet courses. Learning basic and computerized accounting will ensure that you’re ready for bookkeeping duties.

Gain real work experience with on-the-job training at medical offices, banks, insurance companies, real estate offices or right here on campus. Develop the flexibility and variety of skills necessary to meet the changing needs in business settings. Enter the workforce with the technical training and experience necessary to be a bookkeeper, receptionist or office specialist.

Careers

Bookkeeper, Payroll, Office Specialist, Receptionist, Customer Service Representative, Clerk-typist, Records Manager

Program Details

Enrollment Date: Any Term
Program Length: 2 Terms
Degree: Diploma (40 credits)
Campus: Emmetsburg

CURRICULUM

Fall Term (22.00 credits)
- ACC 111 – Introduction to Accounting (5.00)
- ADM 116 – Keyboarding II (3.00)
- ADM 152 – Business Math and Calculators (2.00)
- ADM 254 – Business Professionalism (1.00)
- ADM 936 – Occupational Experience (5.00)
- BUS 160 – Human Relations (2.00)
- CSC 110 – Introduction to Computers (3.00)
- SPC 101 – Fundamentals of Oral Communication (5.00)

Spring Term (18.00 credits)
- ACC 161 – Payroll Accounting (3.00)
- ACC 310 – Computer Accounting (2.00)
- ADM 162 – Office Procedures (3.00)
- ADM 255 – Business Professionalism II (1.00)
- BCA 134 – Word Processing (3.00)
- BCA 185 – Beginning Webpage Development (3.00)
- ENG 105 – Composition I (3.00)

Faculty Contact

Deb Jones
djones@iowalakes.edu | 712-852-5241
Agribusiness Technology

About

Gain hands-on management experience and examine the latest developments in agriculture technology while earning an Associate in Applied Science Degree. As technology continues to evolve, workers need as much specialized training as possible to prepare for a career in agribusiness. You will receive on-the-job training working on our college-owned farm.

With 300+ acres of row crops, a herd of 50 cattle, 150+ head commercial feedlot, and a top-notch swine facility that facilitates a farrow-to-finish operation, our farm allows you to learn the ropes of the industry firsthand. You will help manage the daily operations and become familiar with a wide variety of production methods to prepare for a career in farm management.

Start your career in agriculture or farm management with the skills and experience of a specialist. Gain knowledge of agriculture principles as well as the role of marketing and effective communication in agriculture. Through our Occupational Experience portion of the program, you’ll also have the opportunity to earn money while gaining experience in the agribusiness environment.

Careers

Feed Production Sales, Ethanol Feed Sales and Marketing, Agricultural Feed and Animal Consulting, Livestock Industries Sales Rep, Grain Originator, Agronomy Technician, Chemical Applicator

Program Details

Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (78 credits)
Campus: Emmetsburg

Faculty Contacts

Kelly Dodge
kdodge@iowalakes.edu | 712-852-5529
Tom Quastad
tquastad@iowalakes.edu | 712-852-5239
Stacey Geerdes
sgeerdes@iowalakes.edu | 712-852-5232

CURRICULUM

First Year – Fall Term (17.00 credits)
AGA 154 – Fundamentals of Soil Science (3.00)
AGC 100 – Agricultural Computer Applications (3.00)
AGC 111 – Basic First Aid and Life Support (1.00)
AGC 956 – Occupational Experience (5.00)
AGS 114 – Survey of the Animal Industry (2.00)
BUS 161 – Human Relations (3.00)
Choose from AGA, AGC, AGS (2.00)

First Year – Spring Term (17.00 credits)
AGA 114 – Principles of Agronomy (3.00)
AGA 284 – Pesticide Application Certification (3.00)
AGC 937 – Occupational Experience II (3.00)
AGS 319 – Animal Nutrition (3.00)
AGM 203 – Agricultural Welding (2.00)
COM 781 – Written Comm in the Workplace (3.00) or ENG 105 – Composition (1.50)

First Year – Summer Term (12.00 credits)
AGA 375 – Integrated Crop Management (2.00)
AGB 437 – Commodity Marketing (3.00)
AGC 317 – Agricultural Field Studies (1.00)
Choose from AGA, AGC, AGS (3.00)
MAT 772 – Applied Math (3.00) or MAT 110 – Math for Liberal Arts (3.00)

Second Year – Fall Term (18.00 credits)
ACC 111 – Introduction to Accounting (5.00)
AGA 352 – Soil Science and Fertilizer (2.00)
AGB 194 – Beginning Sales (2.00)
AGB 527 – Principles of Farm Business Management (2.00)
AGB 456 – Grain Merchandising (2.00)
AGC 958 – Occupational Experience III (3.00)
AGM 102 – Farm Equipment Maintenance (1.00) or AGP 242 – Precision Agriculture Applications (2.00)
SPC 101 – Fundamentals of Oral Communication (5.00)

Second Year – Spring Term (14.00 credits)
AGA 353 – Advanced Soil Fertility (2.00)
AGB 310 – Ag Law (2.00)
AGB 466 – Agricultural Finance (3.00)
AGC 210 – Employment Seminar (1.00)
Choose from AGB, AGC or AGS (6.00)
About

Gain hands-on agriculture production experience while earning an Associate in Applied Science Degree. As technology continues to evolve, workers need as much specialized training as possible to prepare for a career in the agricultural industry. You will receive on-the-job training working on our 300+ acre college-owned farm.

With the option to specialize in crops, swine or beef, you will become familiar with a wide variety of production methods and examine the latest developments in agriculture technology. In addition to working in the farm laboratory, you will become acquainted with today’s technologies, which include GPS/ GIS, VRT, real-time ultrasound, electronic identification, artificial insemination, embryo transfer and various computer software programs.

Start your career in the production sector of agriculture with the skills and experience of a specialist. Gain knowledge of agriculture principles as well as the role of marketing and effective communication in agriculture. Through our Occupational Experience portion of the program, you’ll also have the opportunity to earn money while gaining experience in the agribusiness environment.

Curriculum

First Year - Fall Term (18.00 credits)
AGA 154 - Fundamentals of Soil Science (3.00)
AGC 111 - Basic First Aid and Life Support (1.00)
AGC 100 - Agricultural Computer Applications (5.00)
AGC 956 - Occupational Experience (3.00)
AGS 115 - Survey of the Animal Industry (3.00)
BUS 161 - Human Relations (3.00)
Choose from AGA, AGB, AGC, AGS (2.00)

First Year - Spring Term (16.00 credits)
AGA 114 - Principles of Agronomy (5.00)
AGA 284 - Pesticide Application Certification (3.00)
AGC 957 - Occupational Experience II (3.00)
AGM 203 - Agricultural Welding (2.00)
AGS 319 - Animal Nutrition (3.00)
Choose from AGA, AGB, AGC, AGS (2.00)

First Year - Summer Term (12.00 credits)
AGB 457 - Commodity Marketing (5.00)
AGC 317 - Agricultural Field Studies (1.00)
MAT 772 - Applied Math or MAT 110 - Math for Liberal Arts (3.00)
Choose from AGA, AGB, AGC, AGS (5.00)

Second Year - Fall Term (18.00 credits)
ACC 111 - Introduction to Accounting (3.00)
AGB 281 - Computerized Agriculture Accounting (1.00)
AGB 327 - Principles of Farm Business Mgmt (2.00)
AGC 958 - Occupational Experience III (3.00)
AGM 102 - Farm Equipment Maintenance (1.00) or
AGP 242 - Precision Agricultural Applications (2.00)
COM 781 - Written Comm in the Workplace or
ENG 105 - Composition I (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00)
Choose from AGA, AGB, AGC, AGS (1.00)

Second Year - Spring Term (14.00 credits)
AGB 466 - Agricultural Finance (3.00)
AGC 210 - Employment Seminar (1.00)
Choose from AGA, AGB, AGC, AGS (11.00)

Careers

Ag Production Tech – Feed Production, Agricultural Inspector, Swine Production Specialist, Farm Equipment Operator, Cow/Calf Technician, Farm Manager, Applications Specialist

Program Details

Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (78 credits)
Campus: Emmetsburg

Faculty Contacts

Kelly Dodge
kdodge@iowalakes.edu | 712-852-5329

Tom Quastad
tquastad@iowalakes.edu | 712-852-5239

Stacey Geerdes
sgeerdes@iowalakes.edu | 712-852-5232
Automotive Technology

About

If you want to be in a job field that’s always in demand, a career in automotive technology may be a great fit for you. Learn a unique skill-set that’s needed anywhere in the world while earning an Associate in Applied Science degree in Automotive Technology. Gain hands-on experience diagnosing and servicing automobiles while working in a modern, high-tech lab at our Emmetsburg campus.

Develop knowledge of transmissions, engine systems, steering and suspension, electronic and electrical systems, fuel injection brakes and shop safety. Find an area you excel at, then choose to specialize in a specific skill. Our Automotive Technology program provides you with certification opportunities in eight different areas.

In just five terms, you’ll earn your degree and be ready to work as an entry-level technician. Whether you develop a career as a specialized technician, service manager or auto shop owner, you’ll establish a strong set of skills in automotive technology right here that you can take anywhere.

Careers

Dealership Technician, Specialized or General Technician, Service Manager, Auto Shop Owner, Vehicle or Equipment sales

Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (83 credits)
Campus: Emmetsburg

Faculty Contacts

Charles Reynolds
creynolds@iowalakes.edu
712-852-5215

Jason Jacobson
jjacobson@iowalakes.edu
712-852-5348

CURRICULUM

First Year – Fall Term (18.00 credits)
AUT 104 - Introduction to Automotive Technology (3.00)
AUT 115 - Automotive Shop Safety (1.00)
AUT 600 - Intro to Elec Systems and Testing (3.00)
AUT 608 - Automotive Electrical (3.00)
AUT 651 - Advanced Auto Electrical (3.00)
MAT 772 - Applied Math (3.00)
WEL 534 - Trade and Industry Welding (2.00)

First Year – Spring Term (18.00 credits)
AUT 180 - Engine Repair Theory (3.00)
AUT 184 - Brakes Lab (3.00)
AUT 186 - Engine Repair Lab (3.00)
AUT 510 - Brakes Theory (2.00)
AUT 704 - Auto Heating and Air Conditioning (4.00)
COM 723 - Workplace Communications (3.00)

First Year – Summer Term (10.00 credits)
AUT 412 - Automotive Suspension and Steering (3.00)
AUT 413 - Auto Suspension and Steering Lab (3.00)
AUT 890 - Auto Tech On-the-Job Training (4.00)

Second Year – Fall Term (19.00 credits)
AUT 212 - Automatic Transmissions/Transaxles Theory (4.00)
AUT 213 – Automotive Transmissions/Transaxles Lab (3.00)
AUT 260 - Manual Transmission Theory (3.00)
AUT 313 - Auto Manual Drive Train and Axles Lab (3.00)
BUS 161 - Human Relations (3.00)
Business related course: choose from ACC 111, BCA 212, BUS 150, or CSC 110 (3.00)

Second Year – Spring Term (18.00 credits)
AUT 827 - Automotive Ignition Systems (4.00)
AUT 834 - Automotive Fuel Systems (4.00)
AUT 842 - Auto Computerized Engine Controls (4.00)
AUT 851 - Auto Engine Performance Diagnosis (3.00)
BUS 526 - Business Principles (3.00)
Aviation & Airport Management

About
Are you looking for a great career that is fun and pays well too? Then our Aviation & Airport Management program may be a great fit for you. Whether you choose to work as an airline pilot, corporate or charter pilot, ag pilot, flight instructor, or airport manager, you will earn the skills, knowledge, and credentials needed to succeed right here at Iowa Lakes.

The Aviation & Airport Management program is one of the best flight training values in the country. Your flight path to success includes Private Pilot, Instrument Rating, Commercial Pilot, Multi-Engine Rating, and may also include Certified Flight Instructor, Instrument Flight Instructor, and Multi-Engine Flight Instructor. With these credentials, you will be cleared for takeoff in your new career!

With the demand for pilots on the rise, there is a huge need for new pilots to enter the workforce each year. Not only will you earn your Associate in Applied Science degree and FAA licenses and ratings, but with our great industry connections, we’ll help place you in an entry-level job and your dream career! If you want to continue to earn your four-year degree, we will show you how to do it while being paid to build hours toward your dream career. We’re here to help you succeed!

ESTIMATED FLIGHT FEES †
Freshman
New Student Kit – $1,000
Fall Semester
AVI 140 – $916
AVI 180 – $6,707
Spring Semester
AVI 212 – $916
AVI 245 – $7,092
Summer Semester
AVI 246 – $17,767
AVI 261 – $727
AVI 405 – $5,392
TOTAL: $39,517*

Sophomore
Fall Semester
AVI 300 – $887
AVI 350 – $5,317
Spring Semester
AVI 129 – $789
AVI 301 – $2,999
AVI 400 – $5,264
TOTAL: $15,256*

*The listed fees include all flight and ground training, based on the average time required by recent graduates, to complete all of our FAA approved flight training programs and receive their pilot certifications.
† All aviation flight fees are subject to change. The listed fees include flight and ground instruction based on FAA approved flight training syllabi. These training times are minimum FAA training requirements. Actual training cost may be slightly higher. All aviation flight fees are subject to change.

ESTIMATED FLIGHT FEES †
Freshman
New Student Kit – $1,000
Fall Semester
AVI 140 – $916
AVI 180 – $6,707
Spring Semester
AVI 212 – $916
AVI 245 – $7,092
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Sophomore
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TOTAL: $15,256*

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† All aviation flight fees are subject to change. The listed fees include flight and ground instruction based on FAA approved flight training syllabi. These training times are minimum FAA training requirements. Actual training cost may be slightly higher. All aviation flight fees are subject to change.

CURRICULUM
First Year – Fall Term (16.00 credits)
AVI 140 – Private Pilot Ground School (4.00)
AVI 180 – Private Pilot Flight Lab (3.00)
CSC 110 – Introduction to Computers (3.00)
ENG 105 – Composition I (3.00)
MAT 110 – Math for Liberal Arts (3.00)
First Year – Spring Term (17.00 credits)
AVI 212 – Instrument Pilot Ground School (4.00)
AVI 245 – Instrument Rating Flight Lab (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00) or
SPC 112 – Public Speaking (3.00) or
SPC 122 – Interpersonal Communications (3.00)
Space (3.00)
Science (4.00)
First Year – Summer Term (9.00 credits)
AVI 246 – Commercial Pilot Flight Lab (5.00)
AVI 261 – Commercial Pilot Ground School (3.00)
AVI 405 – Multi-Engine Rating (3.00)
Second Year – Fall Term (12.00 credits)
AVI 300 – Flight Instructor Ground School (3.00)
AVI 350 – Flight Instructor Flight Lab (3.00)
BUS 161 – Human Relations (3.00) or
PSY 111 – Intro to Psychology (3.00) or
SOC 110 – Intro to Sociology (3.00)
MGT 101 – Principles of Management (3.00)
Second Year – Spring Term (15.00 credits)
AVI 129 – Employment Prep for Aviation Careers (1.00)
AVI 301 – Instrument Instructor (1.00)
AVI 400 – Multi-Engine Rating (1.00)
ENG 105 – Composition II (3.00) or AVI 1941 – Practicum (†-5 credits)
MKT 110 – Principles of Marketing (3.00)
Business or Humanities approved by Advisor (6.00)

Faculty Contact
Tim Busch
bbusch@iowalakes.edu
712-362-7961

Careers
Transportation Manager, Airline Pilot, Airline Copilot, Flight Engineer, Commercial Pilot, Air Traffic Controller, Airfield Operations Specialist

Program Details
Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (69 credits)
Campus: Estherville
About

Prepare for a career in recreational equipment repair in our dual-track Boat and Watercraft Technician program. Through classroom and lab experience, you’ll develop competence in repairing the most modern recreational equipment. Master the skills needed to pursue a career in marine engine technology.

Receive diverse training that prepares you to repair snowmobiles, personal watercraft, inboard engines, outboard engines and stern drive engines. Learn about theory, proper procedures and safety when repairing equipment, and get hands-on instruction with the newest recreational equipment available. You’ll also have the opportunity to receive industry certifications in Arctic Cat, Evinrude, Mercury, Mercruiser, Volvo Penta, and Yamaha. Our program also offers an on-the-job training segment, which is supported by leading industry brands such as Arctic Cat, BRP, Mercury, Polaris, Yamaha and Volvo Penta.

You may also choose to take more business management courses in the second year of the program. If you dream of one day owning your own recreational equipment repair business, this path may be a great fit for you. People who take this route may also pursue work as a sales rep or parts distributor.

Whether you choose to work in a marina, snowmobile dealership or own your own business, you’ll build a strong foundation of skills and understanding of recreational equipment repair right here at Iowa Lakes. Prepare to thrive as a Boat and Watercraft Technician with plenty of hands-on experience to back you up.

Careers

Marinas, National Marine Corporations, Marine Manufacturers, Snowmobile Manufacturers, Watercraft Dealerships Parts, Distributors, Sales, Self Employment

Program Details

Enrollment Date: Fall Term
Program Length: 3 or 5 Terms
Degree: Diploma (45 credits) or Associate in Applied Science (78 credits)
Campus: Emmetsburg

First Year – Fall Term (19.00 credits)
BUS 161 – Human Relations (3.00)
MSE 147 – Introduction to Marine Service (2.00)
MSE 149 – Introduction to Marine Rigging (2.00)
MSE 151 – Shop Safety and Procedures (1.00)
MSE 153 – Fundamentals of Electricity (3.00)
MSE 154 – Introduction to Power Generators (1.00)
MSE 164 – Marine Engine 2 & 4-Stroke Theory (2.00)
MSE 165 – Marine Engine 2 & 4-Stroke Theory Lab (2.00)
MSE 173 – Marine Fuel Systems (3.00)

First Year – Spring Term (17.00 credits)
COM 723 – Workplace Communications (3.00)
MSE 148 – Introduction to Marine Detailing (1.00)
MSE 159 – Snowmobile Systems (3.00)
MSE 169 – Marine Drive Systems Theory and Lab (3.00)
MSE 183 – Personal Water Craft Systems (3.00)
MSE 190 – Marine Electrical Systems Theory/ Lab (4.00)

First Year Summer Term (9.00 credits)
MSE 932 – Internship (6.00)
MAT 772 – Applied Math (3.00)

Option I: Advanced Business Management
Second Year – Fall Term (18.00 credits)
ACC 111 – Introduction to Accounting (3.00)
MSE 150 – Shop Management (3.00)
MSE 252 – Marine Advanced Drivability (3.00)
Instructor approved electives (6.00)

Option II: Advanced Marine Service Technology
Second Year – Fall Term (18.00 credits)
MSE 150 – Shop Management (3.00)
MSE 252 – Marine Advanced Drivability (3.00)
MSE 273 – Marine Advanced Fuel Systems (3.00)
MSE 286 – Marine Advanced Electrical (3.00)
Instructor approved electives (6.00)

Second Year – Spring Term (15.00 credits)
Concentration Electives — (15.00)
Business Administration & Management

About
Do you like taking the lead on projects? Do you enjoy being in charge? Then a career in Business Administration and Management may be the perfect fit for you.

Whether you dream of running a business or you’d like to specialize in marketing and sales, our Business Administration and Management program will help you get the education you need to enter the workforce with confidence.

Learn something new every day while acquiring the skills and knowledge needed to succeed in the complex field of business. With courses in sales, marketing, management, accounting and human resources, you’ll develop the skills needed to excel in today’s competitive business environment.

Create the education experience that’s best for you. Coursework is built on a solid business core, general education courses and a concentration specialization. With the opportunity to earn an Associate in Applied Science Degree, you may choose from four concentration areas or develop your own specific focus.

Facility Contact
Denise Reimer
dreimer@iowalakes.edu | 712-852-5258

CURRICULUM

First Year – Fall Term (17.00 credits)
ACC 131 - Principles of Accounting I (4.00)
BUS 102 - Introduction to Business (3.00)
BUS 175 - Business Seminar I (1.00)
CSC 110 - Introduction to Computers (3.00)
ENG 105 - Composition I (3.00)
Social Science (3.00)

First Year – Spring Term (16.00 credits)
ACC 132 - Principles of Accounting II (4.00)
MAT 110 - Math for Liberal Arts (3.00)
MGT 101 - Principles of Management (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00)
Business Elective (3.00)

First Year – Summer Term (3.00 credits)
BUS 932 – Internship (3.00) or Business Elective (3.00) or ENG 106 - Composition II (3.00)

Second Year – Fall Term (15.00 credits)
BUS 185 - Business Law I (5.00)
ECN 120 - Macroeconomics (3.00)
Business Electives (6.00)
Humanities (3.00)

Second Year – Spring Term (18.00 credits)
BCA 218 – Adv Microsoft Office Applications (5.00)
BUS 115 - Business Correspondence (2.00) or BUS 121 - Business Communications (3.00)
ECN 130 - Microeconomics (3.00)
MKT 110 - Principles of Marketing (3.00)
Business Elective (3.00)
Science (4.00)

Program Details
Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (69 credits)
Campus: All Campuses

Careers
Business Specialist, Marketing & Sales, Management, Business Development Manager, Project Manager
Business Specialist

About

Develop the technical, business and professional skills needed to enter the workforce while earning a diploma in our Business Specialist program. Already employed? This program is perfect for improving your skills and keeping up with changes in office technology. Or, take this education even further by continuing into the Administrative Assistant Associate in Applied Science degree.

Also available online, the Business Specialist program will train you in valuable areas such as computers, keyboarding and basic accounting. You’ll have the opportunity to prepare for the Microsoft Office Specialist Certification testing by completing word processing and spreadsheet courses. Learning basic and computerized accounting will ensure that you’re ready for bookkeeping duties.

Develop the flexibility and variety of skills necessary to meet the changing needs in business. Enter the workforce with the technical training and experience necessary to be a secretary, receptionist or office assistant.

Careers
Office Assistant, Administrative Assistant, Receptionist, Collections Specialist

Program Details
Enrollment Date: Any Term
Program Length: 2 Terms
Degree: Diploma (35 credits)
Campus: Emmetsburg

Facility Contact
Deb Jones
djones@iowalakes.edu  |  712-852-5241

CURRICULUM

Fall Term (17.00 credits)
- ACC 111 - Introduction to Accounting (3.00)
- ADM 116 - Keyboarding II (3.00)
- ADM 152 - Business Math and Calculators (2.00) or BUS 110 - Business Math and Calculators (3.00)
- ADM 254 - Business Professionalism (1.00)
- BUS 160 - Human Relations (2.00)
- CSC 110 - Introduction to Computers (3.00)
- SPC 101 - Fundamentals of Oral Communication (3.00)

Spring Term (18.00 credits)
- ACC 161 - Payroll Accounting (3.00)
- ACC 210 - Computer Accounting (2.00) or ACC 211 - Computer Accounting (3.00)
- ADM 162 - Office Procedures (3.00)
- ADM 255 - Business Professionalism II (1.00)
- BCA 134 - Word Processing (3.00)
- BCA 185 - Beginning Webpage Development (3.00) or BCA 218 - Adv Microsoft Office Applications (3.00)
- ENG 105 - Composition I (3.00)
About

Prepare for the national bookkeeper certification exam through our one-year program. Designed to help you become certified as a bookkeeper, this program will allow you to develop the financial expertise needed to keep businesses on top of their accounts while following regulatory guidelines.

At the end of the program, you’ll be ready to take the Certified Professional Bookkeeper exam administered by the American Institute of Professional Bookkeepers (AIPB). This certification is a plus for your resume, helping you stand out in the job market and secure a position as a bookkeeper.

Learn procedures and guidelines around payroll, billing and financial reports to become an asset to your employer. Develop the flexibility and skill set necessary to keep up with the changing rules and needs of business finances. Enter the workforce with not only a certification but also the confidence in your ability to keep the organization’s financial records in order.

Careers

Bookkeeping Clerk, Accounting Clerk, Payroll and Timekeeping Clerk

Program Details

Enrollment Date: Any Term
Program Length: 2 Terms
Degree: Certificate (28 credits)
Campus: Any Campus

Curriculum

Fall Term (16.00 credits)
ACC 131 - Principles of Accounting I (4.00)
ACC 161 - Payroll Accounting (3.00)
ACC 221 - Cost Accounting (3.00) or
ACC 261 - Income Tax Accounting (3.00)
ACC 929 - Individual Projects (2.00)
BUS 175 - Business Seminar I (1.00)
CSC 110 - Introduction to Computers (3.00)

Spring Term (12.00 credits)
ACC 132 - Principles of Accounting II (4.00)
ACC 310 - Computer Accounting (2.00) or
ACC 311 - Computer Accounting (3.00)
ACC 702 - Certified Bookkeeper Review (4.00)
BUS 115 - Business Correspondence (2.00) or
BUS 121 - Business Communications (3.00)

Faculty Contact

Lecia Berven
lberven@iowalakes.edu
712-362-8399
Computer Programming

About

Learn a valuable skill-set that you can take anywhere in our Computer Programming program. In addition to mastering modern high-level programming languages, you’ll gain experience with databases, spreadsheets, computer hardware and networking. Through hands-on lab and classroom experience, you’ll acquire the skills needed to begin your career or transfer to a four-year college.

Flow charts and visual learning aids will help you become familiar with programming concepts and logic, ensuring your progression to more advanced topics. Additionally, you’ll develop interpersonal skills by working in teams, and learn how to effectively participate in the collaborative programming efforts you’ll see in the industry.

Develop good stylistic and organizational techniques using code libraries and modularization. You’ll also become familiar with Visual BASIC, a widely used language that develops software applications with Graphical User Interfaces. Additionally, you’ll learn languages such as Java and C or C++.

Gain real work experience through our on-the-job practicum. You may also choose to broaden your skill base by taking other related technology courses such as Networking, Graphic Design and Web Page Development. This training and coursework ensures that you know what to expect when entering the workforce and, even better, that you’ll be ready for it.

Program Details

Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

Careers


CURRICULUM

First Year – Fall Term (15.00 credits)
BUS 161 – Human Relations (3.00) or PSY 111 – Intro to Psychology (3.00) or SOC 110 – Intro to Sociology (3.00)
CIS 141 – Computer Science (3.00)
CIS 332 – Data Base and SQL (3.00)
MAT 140 – Finite Math (3.00) or MAT 120 – College Algebra (5.00) or MAT 121 – College Algebra (4.00)
NET 122 – Computer Hardware Basics (3.00)

First Year – Spring Term (16.00 credits)
CIS 204 – Introduction to Website Development (3.00)
CSC 110 – Intro to Computers (3.00)
ENG 105 – Composition I (3.00)
NET 140 – Networking Essentials (4.00)
Humanities (3.00)

First Year – Summer Term (5.00 credits)
CIS 941 – Computer Science Practicum (5.00)

Second Year – Fall Term (17.00 credits)
CIS 125 – Intro to Programming Logic w/Lang (3.00)
CIS 161 – C++ Programming (3.00)
MAT 157 – Statistics (4.00)
Science (4.00)
Social Science (3.00)

Second Year – Spring Term (16.00 credits)
CIS 143 – Advanced Computer Science (4.00)
ENG 106 – Composition II (3.00)
MMS 185 – Digital Media Law & Ethics (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00) or SPC 112 – Public Speaking (3.00) or SPC 122 – Interpersonal Communication (3.00)
WDV 132 – Mobile Application Development (3.00)

Faculty Contact

Weston Miller
wmiller@iowalakes.edu | 712-362-7938
**About**

Prepare for a variety of careers in a field that is projected to keep growing, with our dual-track Construction Technology program. Whether you choose to work as a carpenter, construction superintendent, estimator or home energy auditor, you’ll establish a foundational skill-set and get real work experience right here at Iowa Lakes.

Through off-campus job opportunities, like designing and building a home from the ground up or working on home additions, you’ll have the chance to learn about concrete and foundations, framing, exterior finishing, roofing, drywall, energy efficient construction practices, the building envelope and finish carpentry. Since our program has a strong emphasis on energy efficient construction, you’ll become familiar with the “house-as-a-system” concept and “green” building techniques.

Get your hands on our Energy Auditor-approved tools, including infrared thermal imaging cameras, blower door testers, duct testers and other various metering tools. Develop competence in using these tools to assess a home’s energy efficiency.

In just one year, you’ll earn your diploma and a skill-set that gives you an edge in the employment market. If you dream of running your own construction business or you simply want to have more career options available, enroll in the two-year program to earn an Associate in Applied Science degree. In the second year, you’ll build on what you’ve already learned by studying more business and accounting practices, gaining more advanced computer skills, and learning management and other valuable skills needed for supervisory positions or self-employment in the construction industry. You’ll also get more experience with advanced estimating, home design and CAD operation.

The best part is you can pursue your degree while continuing to work in the field and fine-tune your skills. You’ll have more opportunity in the second year to customize your schedule and classes to fit your needs.

### Careers

General Contractor, Estimator, Construction Management, Building Inspector, Maintenance, Self Employment, Real Estate, Insurance Adjuster, Carpenter, Foreman, Project Manager

### Program Details

**Enrollment Date:** Fall Term  
**Program Length:** 3 or 5 Terms  
**Degree:** Diploma (42 credits) or Associate in Applied Science (72 credits)  
**Campus:** Emmetsburg

### Faculty Contact

Corey Menning  
cmenning@iowalakes.edu | 712-852-5341

### CURRICULUM

#### First Year – Fall Term (18.00 credits)

- CON 113 – Construction Print Reading (2.00)
- CON 195 – Foundations and Concrete (5.00)
- CON 201 – Framing Techniques and Lab I (2.00)
- CON 217 – Exterior Finishing (3.00)
- CON 218 – Framing Techniques and Lab II (4.00)
- CON 300 – Optimum Value Engineering–Adv. Framing (1.00)
- HSC 134 – First Aid/CPR (1.00)

#### First Year – Spring Term (18.00 credits)

- BUS 161 – Human Relations (3.00)
- COM 725 – Workplace Communications Essentials (2.00) or ENG 105 – Composition I (3.00)
- CON 106 – Construction Welding (1.00) or CON 120 – Construction Estimating (1.00)
- CON 228 – Methods of Interior Finishing & Lab (3.00)
- CON 229 – Installation of Interior Finishing (3.00)
- CON 238 – Techniques of Exterior Covering (4.00)
- MAT 770 – Applied Math (2.00)

#### First Year – Summer Term (6.00 credits)

- CON 431 – Construction Internship I (6.00)

#### Second Year – Fall Term (15.00 credits)

- ACC 111 – Introduction to Accounting (3.00)
- CON 351 – Computer Generated Blueprint & Design (3.00)
- CSC 110 – Introduction to Computers (3.00)

#### Second Year – Spring Term (15.00 credits)

- ACC 112 – Introduction to Accounting II (3.00)
- CON 352 – Construction Internship II (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)
- Business or Construction electives (9.00)

- Second Year – Spring Term (15.00 credits)

- ACC 111 – Introduction to Accounting (3.00)
- CON 351 – Computer Generated Blueprint & Design (3.00)
- CSC 110 – Introduction to Computers (3.00)
- Business or Construction electives (6.00)
Cosmetology

About
At Iowa Lakes, we prepare students for careers in the health and beauty industry as licensed cosmetologists and professional stylists. Future beauty professionals are guided by skilled and experienced instructors, many of whom bring years of practical, on-the-ground salon experience to the classroom. Through the two-year program, students take on more advanced techniques and build not only real-world skills, but the confidence to succeed in their career.

Foundational courses focus on the fundamentals of cutting, coloring and styling and are supported by practical education in communication, math and overviews in anatomy and physiology. Students gain an education that will prepare them for their state license.

As students progress through the cosmetology program, classroom lectures and demonstrations move to the most important part, hands-on training, including advanced haircutting for men and women, color mixing and application and more. Additionally, Iowa Lakes’ comprehensive program covers communication skills, human resources and salon management that teach skills and performance strategies that are necessary for a successful career.

Program Details
Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (71 credits)
Campus: Emmetsburg

Careers
Cosmetologist, Hairdresser
Barber, Salon Manager, Salon Owner

Faculty Contact
Laurie Pearson
lpearson@iowalakes.edu  |  712-852-5277

CURRICULUM
First Year – Fall Term (16.00 credits)
BIO 163 – Essentials of Anatomy and Physiology (4.00)
BUS 161 – Human Relations
COM 723 - Workplace Communications (3.00)
COS 110 – Basic Principles in Cosmetology (4.00)
MAT 110 – Math for Liberal Arts (3.00)
MAT 770 – Applied Math (2.00)

First Year – Spring Term (14.00 credits)
COS 112 – Care of Skin and Scalp (2.00)
COS 156 – Chemical Services I (5.00)
COS 159 – Practical Cosmetology Skills I (6.00)
MKT 162 – Retail Merchandising (3.00)

First Year – Summer Term (10.00 credits)
COS 114 – Chemical Services II (2.00)
COS 119 – Practical Cosmetology Skills II (7.00)
COS 157 – Legal Aspects of Cosmetology (1.00)

Second Year – Fall Term (15.00 credits)
COS 121 – Practical Cosmetology Skills IV (7.00)
COS 155 – Haircutting and Styling Techniques (1.00)
COS 171 – Salon Management (1.00)
COS 172 – Practical Cosmetology Skills III (6.00)

Second Year – Spring Term (16.00 credits)
COS 173 – Practical Cosmetology Skills V (6.00)
COS 174 – Practical Cosmetology Skills VI (6.00)
COS 175 – Comprehensive Cosmetology Review (2.00)
COS 176 – Preceptorship (2.00)
Gain the tools needed to pursue a career in law enforcement, corrections, or private security while earning your Associate in Applied Science Degree. Whether you want to enter the workforce upon graduation or transfer to a four-year college, our Criminal Justice program will start you on the right path.

Through field experience and exposure in our ‘Use of Force’ simulator, you will gain knowledge and skills helping you prepare for a career within the criminal justice field. Whether you choose to work in the correctional, law enforcement, security, or loss prevention/asset protection field, you’ll establish the foundational knowledge to thrive, right here at Iowa Lakes.

Before enrolling in the program, determine if you meet the minimum hiring standards for the state where you will be seeking employment. Iowa standards are located in Section 550, Chapter I of the Iowa Administrative Code.

### Careers
Correctional Officer, Police Officer, Emergency Management, Immigration and Customs, Security, Regulatory Affairs, Loss Prevention Specialist, DNR Officer

### Program Details
**Enrollment Date:** Fall Term  
**Program Length:** 4 Terms including Field Experience II  
**Degree:** Associate in Applied Science (68 Credits)  
**Campus:** Estherville

### Faculty Contacts
- **Chris Gerstbrein**  
  cgerstbrein@iowalakes.edu  
  712-362-7981
- **Sonja Fagre**  
  sfagre@iowalakes.edu  
  712-362-7986

### CURRICULUM

**First Year – Fall Term (18.00 credits)**
- CRI100 - Introduction to Criminal Justice (3.00)  
- CRI200 - Criminology (5.00)  
- CRI201 - Juvenile Delinquency (5.00)  
- ENG105 - Composition (5.00)  
- PHE225 - Healthy Lifestyles Management (3.00)  
- CRI Concentration Course (3.00)

**First Year – Spring Term (15.00 credits)**
- CRI214 - Survival Spanish for Criminal Justice (2.00)  
- CRI218 - Field Experience I (2.00)  
- CSC110 - Introduction to Computers (3.00)  
- MAT110 - Math for Liberal Arts (3.00)  
- SPC122 - Interpersonal Communication (3.00)  
- CRI Concentration course (1.00)  
- PEA Elective (1.00)

**First Year – Summer Term (3.00 credits)**
- CRI219 - Field Experience II (3.00)

**Second Year – Fall Term (17.00 credits)**
- CRI123 - Service Learning Project (1.00)  
- CRI130 - Criminal Law (3.00)  
- CRI207 - Drug Use and Abuse (3.00)  
- CRI Concentration course (3.00)  
- PEA Elective (1.00)  
- Social Science (6.00)

**Second Year – Spring Term (15.00 credits)**
- CRI133 - Constitutional Criminal Procedure (3.00)  
- CRI250 - Firearms (1.00)  
- CRI Concentration Course (3.00)  
- Humanities (3.00)  
- PEA Elective (1.00)  
- Science (4.00)

* CRI Concentration Courses
- CRI110 - Patrol Procedures (3.00)  
- CRI120 - Introduction to Corrections (5.00)  
- CRI156 - Corrective Law (5.00)  
- CRI141 - Criminal Investigation (5.00)  
- CRI170 - Overview of Cybercrime (5.00)  
- CRI208 - Introduction to Private Security (5.00)  
- CRI220 - Community-Based Corrections (5.00)  
- CRI900 - CI with the Expert (1.00)  
- CRI901 - CI in the Big City (1.00)  
- JOU171 - Introduction to Photography (3.00)
Digital, Social & Broadcast Productions

About

Prepare for a career path with variety and options as the communications field continues to evolve with technology. Receive hands-on training to learn on-camera and behind-the-scenes television broadcasts, LIVE radio programming as well as develop communication, marketing and production skills needed to keep up with new forms of media.

Students will gain skills in all aspects of the industry, from broadcast announcing to webcast programming and digital video editing to operating a camera. Learn to implement journalism and social media networking to communicate effectively with all forms of media. You’ll become familiar with a variety of communication practices, including advertising, marketing, writing for journalism, branding and public relations.

While preparing for a career available in the communications field, you’ll become competent in digital, social and broadcast strategies. Our program will equip you with the tools you need to excel in communications.

Careers

Prepress Technician & Worker, Desktop Publisher, Film & Video Editor, Photographer, Producer, Multimedia Artist & Animator, Photographic Process Worker & Processing Machine Operator, Regulatory Affairs Manager

Faculty Contact

Kevin Tlam
ktlam@iowalakes.edu | 712-362-7914

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms plus internship
Degree: Associate in Applied Science (68 credits)
Campus: Estherville

Curriculum

First Year – Fall Term (17.00 credits)
ENG 105 – Composition I (3.00)
GRA 140 – Digital Imaging (3.00)
JOU 173 – Digital Photography (3.00)
JOU 190 – Foundations in Digital Media Marketing, Writing, and Community Engagement (3.00)
MMS 129 – Digital Audio & Video Production Editing (3.00)
MMS 401 – Multimedia Projects I (2.00)

First Year – Spring Term (17.00 credits)
MAT 110 – Math for Liberal Arts (3.00)
MMS 101 – Mass Media (3.00)
MMS 136 – Writing for Digital Media (3.00)
MMS 154 – TV & Radio Announcing (3.00)
MMS 225 – Advanced Television Production (3.00)
MMS 402 – Multimedia Projects II (2.00)

Second Year – Fall Term (17.00 credits)
ART 121 – 2-D Design (4.00)
MMS 122 – Career Seminar (1.00)
MMS 175 – Radio Workshop I (2.00)
MMS 403 – Multimedia Projects III (2.00)
SMM 100 – Introduction to Social Media (3.00)
SMM 110 – Writing For The Web (2.00)
SPC 101 – Fundamentals of Oral Communication (5.00)

Second Year – Spring Term (17.00 credits)
BUS 161 – Human Relations (3.00)
MKT 110 – Principles of Marketing (3.00)
MMS 176 – Radio Workshop II (2.00)
MMS 185 – Digital Media Law and Ethics (3.00)
MMS 404 – Multimedia Projects IV (2.00)
Science (4.00)
Early Childhood Education

About

Develop the skills needed to pursue a career in early childhood education with our dual-track program. The first eight years of life are extremely important in the emotional, cognitive, social and physical development of a child. That's why early childhood educators need to be well trained, experienced and able to deliver the best quality of care when providing for young people.

Through field experiences in the early childhood setting and a wide variety of coursework options, you'll become confident and competent in your ability to be an early childhood educator. With courses in child growth and development, curriculum planning, childhood guidance, and child health, safety and nutrition, you'll learn a valuable skill-set you can take anywhere. Prepare to broaden your background knowledge in general education and develop an awareness of current issues within the education field.

Whether you want to become a teaching assistant, childcare provider, nanny or an early childhood program director, or transfer to a university, you'll establish the foundational skills and knowledge needed to thrive right here at Iowa Lakes. Practical experience along with the advanced coursework during the second year ensures that you know what to expect when entering the workforce and, even better, that you'll be ready for it.

Careers

Childcare Worker, Teacher Assistant, Education Administrator, Preschool and Childcare Center, Self Employment, In-home Day Care, Nanny

Program Details

Enrollment Date: Fall Term
Program Length: 2 or 4 Terms
Degree: Diploma (35 credits) or Associate in Applied Science (68 credits)
Campus: Emmetsburg

CURRICULUM

First Year – Fall Term (17.00 credits)
- ECE 103 - Intro to Early Childhood Education (3.00)
- ECE 110 - Early Childhood Professionals I (1.00)
- ECE 112 - Portfolio Development I (1.00)
- ECE 133 - Child Health, Safety and Nutrition (3.00)
- ECE 170 - Child Growth and Development (3.00)
- ECE 243 - Early Childhood Guidance (3.00)
- ENG 105 - Composition I (3.00)

First Year – Spring Term (18.00 credits)
- ECE 111 - Early Childhood Professionals II (1.00)
- ECE 158 - Early Childhood Curriculum I (3.00)
- ECE 159 - Early Childhood Curriculum II (3.00)
- ECE 221 - Infant/Toddler Care and Education (3.00)
- ECE 262 - Early Childhood Field Experience (3.00)
- FLS 104 - Spanish for Professionals (2.00)
- SPC 101 - Fundamentals of Oral Communication (3.00)

Second Year – Fall Term (17.00 credits)
- ECE 140 - Early Childhood Curriculum Planning (3.00)
- ECE 210 - Early Childhood Professionals III (1.00)
- ECE 290 - Early Childhood Program Admin (3.00)
- EDU 235 - Children’s Literature (3.00)
- ENG 106 - Composition II (3.00)
- Science (4.00)

Second Year – Spring Term (16.00 credits)
- ECE 113 - Portfolio Development II (1.00)
- ECE 261 - Contemporary Issues in Early Childhood (3.00)
- ECE 278 - Early Childhood Field Experience II (3.00)
- MAT 110 - Math for Liberal Arts (3.00)
- Social Science (6.00)

Faculty Contact

Melissa Regelstad
mregelstad@iowalakes.edu | 712-852-5289
Electrical Technology

About

Gain hands-on electrical technology experience while earning an Associate in Applied Science Degree. As the demand grows for quality electricity, so does the need for qualified electricians. Industry trends show that the need for electricians in the workforce will increase by 20% over the next 10 years.

Our program prepares you to enter the workforce as an electrician helper, in which you will be under the supervision of a Journeyman or Master Electrician. You’ll acquire 2,080 hours of lab and classroom training right here at Iowa Lakes, contributing toward the typical 8,000 hours required by most states of an electrician helper before they may take the electrical examination.

Get real experience and training on power generation, electric motors and controls, renewable energy power systems, HVAC controls and programmable logic control systems. You’ll also learn about the National Electrical Code and how to perform electrical work within the residential, commercial and industrial electrical systems. By studying our broad curriculum, you’ll develop both core and specialized skills in electrical technology.

If you want a challenging and rewarding career with room to advance, then our Electrical Technology program may be a great fit for you. Develop the skills needed to be an electrician in our two-year program.

Careers

Residential/Commercial Electrician, Electrical & Electronics Repairer, Telecommunications Equipment Installer/Repairer, First-Line Supervisor of Mechanics, Operating Engineer, Construction Equipment Operator, Power Distributor & Dispatcher

Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (76 credits)
Campus: Estherville

CURRICULUM

First Year – Fall Term (18.00 credits)
COM 753 - Technical Communications (3.00)
ELE 119 - Basic Electricity I (4.00)
ELE 155 - National Electric Code I (2.00)
ELE 181 - Residential Electric/Electronic Systems (4.00)
MAT 743 - Technical Math (3.00)
SER 114 - Blueprint Reading (1.00)
SER 116 - Career Seminar (1.00)

First Year – Spring Term (18.00 credits)
BUS 102 - Introduction to Business (3.00)
ELE 136 - Basic Electricity II (4.00)
ELE 156 - National Electrical Code II (2.00)
ELE 195 - Motor Control (3.00)
ELE 354 - Commercial Electric/Electronic Systems (3.00)
SER 101 - Energy, Sustainability & the Environment (3.00)

First Year – Summer Term (6.00 credits)
ELE 946 - Electrical Technology Internship I (6.00)

Second Year – Fall Term (18.00 credits)
ELE 158 - National Electrical Code III (2.00)
ELE 226 - Electric Motors and Generators (4.00)
ELE 234 - Electrical Maintenance and Safety (2.00)
ELT 732 - Intro to Industrial Instrumentation (3.00)
HCR 415 - Controls for HVAC (3.00)
SER 117 - Estimating for the Trades (1.00)
WTT 216 - Power Generation & Transmission (3.00)

Second Year – Spring Term (16.00 credits)
BUS 161 - Human Relations (3.00)
ELE 242 - Programmable Logic Control Systems (4.00)
ELE 255 - National Electrical Code IV (2.00)
ELE 357 - Industrial Electrical/Electronic Systems (3.00)
ELT 493 - Industrial Networking & Data Acquisition (4.00)

Faculty Contact

Doug Zemler
dzemler@iowalakes.edu | 712-362-8376
Engineering Technology

About

Develop a broad knowledge base that is applicable to many industrial disciplines in our Engineering Technology program. While earning an Associate in Applied Science Degree, you’ll become equipped with the core and specialized skills needed to pursue entry-level positions in the advanced manufacturing sector.

Whether you choose to pursue a career in industrial automation, process control or robotics, you’ll establish a strong foundation of skills and understanding of lean manufacturing principles right here at Iowa Lakes. Develop competence in electronics, programmable logic control, design, programming and advanced automated technology. You’ll also gain experience with renewable energy and power distribution.

When entering the workforce, you’ll be ready to design, program and install many different automation platforms. You’ll be familiar with the processes and equipment associated with production including mechanical, pneumatic, electrical, electronic and computers. Prepare to thrive as an application technician with plenty of hands-on experience to back you up.

Careers


Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (75 credits)
Campus: Estherville

Faculty Contact
Chad Tischer
tischer@iowalakes.edu | 712-362-8366

CURRICULUM

First Year – Fall Term (19.00 credits)
CIS 125 - Intro to Programming Logic w/Language (5.00)
COM 753 - Technical Communications (3.00)
EGT 114 - Intro to Engineering Technology (5.00)
ELE 119 - Basic Electricity I (4.00)
MAT 743 - Technical Math (3.00)
SER 114 - Blueprint Reading (1.00)
SER 116 - Career Seminar (1.00)
SER 124 - Industrial Safety (1.00)

First Year – Spring Term (17.00 credits)
ELE 136 - Basic Electricity II (4.00)
ELE 195 - Motor Control (3.00)
ELE 242 - Programmable Logic Control Systems (4.00)
ELT 309 - Digital Circuits & Systems (3.00)
SER 101 - Energy, Sustainability & the Environment (3.00)

First Year – Summer Term (4.00 credits)
EGT 954 - Engineering Technology Internship II (4.00) or EGT 946 - Engineering Technology Internship I (6.00)

Second Year – Fall Term (17.00 credits)
ATR 105 - Industrial Robotics (3.00)
EGT 158 - Introduction to Fluid Power (3.00)
ELE 226 - Electric Motors and Generators (4.00)
ELT 125 - Advanced PLC (3.00)
ELT 732 - Introduction to Industrial Instrumentation (3.00)
MFG 505 - Lean Manufacturing (1.00)

Second Year – Spring Term (18.00 credits)
ATR 106 - Motion Control (3.00)
ATR 253 - Robotic Programming (3.00)
BUS 161 - Human Relations (3.00)
CIS 141 - Computer Science (3.00)
EGT 156 - Electrical Control of Fluid Power (2.00)
ELT 493 - Industrial Networking & Data Acquisition (4.00)
Environmental Studies

About
Are you looking for a rewarding career that impacts our quality of life? Then our Environmental Studies program may be a great fit for you. High concerns over habitat loss and declining fish and wildlife populations have created a growing interest in the long-term sustainability of natural resources. Prepare for a fulfilling career in natural resource management while studying environmental science.

Learn to monitor, measure, analyze and report the presence of various environmental pollutants. Take advantage of the program’s opportunities to conduct environmental research at the Iowa Great Lakes, gaining experience in monitoring air and water pollutants. Study the ecology of northwest Iowa’s many prairies, forests, marshes, natural lakes, and river systems while earning your Associate in Applied Science degree.

Whether you choose to pursue a career in fisheries and wildlife biology, forestry, park management or soil conservation, you’ll enter the workforce with a strong understanding of ecological and resource management concepts. On-the-job work experience through the summer internship along with program coursework will equip you with the professional skills needed to excel in this wide field with various opportunities.

Careers
Environmental Scientist & Specialist,
Environmental Science & Protection Technician, Forest & Conservation Technician, Fish & Game Warden, Energy Broker, Forest & Conservation Worker, Solar Energy Installation Manager, Park Naturalist, Range Manager, Biofuels Production Manager, Hydroelectric Production Manager, Environmental Compliance Inspector, Soil & Water Conservationist, Recycling & Reclamation Worker

Program Details
Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (68 credits)
Campus: Estherville

CURRICULUM
First Year – Fall Term (16.00 credits)
BIO 112 - General Biology I (4.00)
CSC 110 - Intro to Computers (3.00) or MGT 101 - Principles of Management (3.00) or BUS 102 - Intro to Business (3.00)
EVS 114 - Environmental Studies I (4.00)
EVS 200 - Environmental Seminar (2.00)
Mathematics (3.00)
First Year – Spring Term (17.00 credits)
BIO 113 - General Biology II (4.00)
ENG 105 - Composition I (3.00)
EVS 124 - Environmental Studies II (4.00)
SPC 101 - Fundamentals of Oral Communication (5.00)
Social Science (3.00)
First Year – Summer Term (4.00 credits)
EVS 941 - Environmental Studies Internship (4.00)
Second Year – Fall Term (17.00 credits)
CHM 151 - College Chemistry I (4.00)
ENG 106 - Composition II (3.00)
EVS 254 - Intro to Natural Resources Management (4.00)
EVS 294 - Introduction to GIS (3.00)
Humanities (3.00)
Second Year – Spring Term (14.00 credits)
AGA 154 - Fundamentals of Soil Science (5.00) or CRJ 100 - Intro to Criminal Justice (3.00) or SER 101 - Energy, Sustainability & the Environment (3.00)
BUS 161 - Human Relations (3.00) or PSY 111 - Introduction to Psychology (3.00) or SOC 110 - Introduction to Sociology (3.00)
CHM 152 - College Chemistry II (4.00) or BIO 186 - Microbiology (4.00)
EVS 264 - Natural Resource Management Techniques (4.00)

Faculty Contact
Drew Howing
dhowing@iowalakes.edu
712-362-7978
About

Gain hands-on experience with farm equipment while earning an Associate in Applied Science Degree. Through our Farm Equipment and Diesel Technology program, you’ll become familiar with all aspects of farm equipment and diesel maintenance and repair. The skills and work experience you gain here will prepare you for a job at a major farm equipment dealership.

Receive training in machinery set-up and repair, complete tractor repair, hydraulics, welding and diesel service, and be ready to enter the workforce with a broad range of skills and knowledge of the field. Learn engine repair and diagnostic testing, engine overhaul and failure analysis, air conditioning, diagnosing of failed systems, repair of clutches, transmissions and final drives, differentials, combine operations and repair/adjustments. Develop skills in all aspects of fuel systems, including gasoline and diesel, injectors, diagnostics and more.

You’ll spend two, four-week portions of the program working in a farm equipment dealership, earning money while completing your coursework. This on-the-job training ensures that you know what to expect when entering the workforce and, even better, you’ll be ready for it.

Careers

Farm Equipment Dealerships, Self Employment, Factory Technician

Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (78 credits)
Campus: Emmetsburg

Curriculum

First Year – Fall Term (18.00 credits)
AGM 411 - Engine Repair (6.00)
AGM 413 - Diesel Engine Overhaul (5.00)
AGM 425 - Farm Equipment Air Conditioning (4.00)
BCA 212 – Intro to Computer Business Apps (3.00)

First Year – Spring Term (18.00 credits)
AGM 430 - Differentials and Final Drives (6.00)
AGM 431 - Transmissions (7.00)
AGM 850 – Dealership Experience I (2.00)
BUS 161 – Human Relations (3.00)

First Year – Summer Term (11.00 credits)
AGM 416 - Combine and Implement Repair and Adjustment (4.00)
AGM 420 – Fuel Systems (2.00)
AGM 421 - Fuel Systems Lab (3.00)
WEL 334 – Trade and Industry Welding (2.00)

Second Year – Fall Term (16.00 credits)
AGM 114 - Hydraulics I (2.00)
AGM 115 - Hydraulic Components Lab (3.00)
AGM 116 - Fundamentals of Hydraulic (3.00)
AGM 117 – Fundamentals of Hydraulic Lab (2.00)
COM 723 - Workplace Communications (3.00)
MAT 772 – Applied Math (3.00)

Second Year – Spring Term (15.00 credits)
AGM 500 – Fundamentals of Electricity (5.00)
AGM 501 – Fundamentals of Electricity Lab (2.00)
AGM 502 – Electrical Components (2.00)
AGM 505 – Electrical Components Lab (5.00)
AGM 851 – Dealership Experience (2.00)
BUS 126 – Business Principles (5.00)
About

Are you looking for a career that aligns with your passions? Then our Game Design and Development program may be a great fit for you. The modern world is geared toward interactive gaming and technology, resulting in a higher demand for workers with the skills and knowledge to implement these aspects into the industry. If you’ve always wanted to work in gaming, now is the time.

Develop skills in computer hardware, networking and basic computer programming. Receive training in game programming, 3D modeling and animation, level design and game engines.

You’ll also have the unique opportunity to start your gaming portfolio by creating a fully-functional 3D game as part of your final project.

Whether you choose to become a developer, designer, game tester or programmer, you’ll learn the ropes of the role in a hands-on work environment through our program. Enter the workforce with proof of your technical training and experience.

Careers

Game Tester, Physics Programmer, Engine Architect, UI Artist, Game Programmer

Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

Faculty Contact

Weston Miller
wmiller@iowalakes.edu | 712-362-7938
Graphic Design

About

Start your professional work portfolio right here in our Graphic Design program. With the option to earn a Diploma or an Associate in Applied Science Degree in Graphic Design, you'll receive the education and experience needed to launch your career in our dual-track program.

Develop skills in design, graphics, animation, typography, digital illustration, drawing, photography and advertising techniques while learning in our state-of-the-art Macintosh Computer Lab. Featuring 17 new iMac computers with the latest Adobe Creative Cloud suite applications, the graphic design classroom has everything you need to do your work efficiently.

Gain on-the-job experience through internships, increasing your chances for job placement after graduation. Working on a shared network drive with other students and your instructor will also give you a taste of how graphic designers work in the field.

Whether you choose to pursue print design, animation or multimedia authoring, the digital portfolio you produce in our program will help get you started for a creative career path.

Careers

Graphic Designer, Web Developer, Art Director, Multimedia Artist & Animator, 3-D Artist, Technical Illustrator, Illustrator

Program Details

Enrollment Date: Any Term
Program Length: 3 or 5 Terms
Degree: Diploma (35 credits) or Associate in Applied Science (69 credits)
Campus: Estherville

CURRICULUM

First Year – Fall Term (16.00 credits)
ART 121 – 2-D Design (4.00)
GRA 121 – Digital Drawing (3.00)
GRA 175 – Graphic Design Principles (3.00)
GRA 525 – Digital Color Theory (3.00)
JOU 173 – Digital Photography (3.00)

First Year – Spring Term (19.00 credits)
ART 133 – Drawing (3.00)
ENG 105 – Composition I (3.00)
GRA 140 – Digital Imaging (3.00)
GRA 173 – Typography (3.00)
GRA 188 – Advertising Layout and Composition (3.00)
GRA 801 – Graphic Design Seminar (1.00)
Humanities (3.00)

First Year – Summer Term (2.00 credits)
GRA 932 – Internship (2.00)

Second Year – Fall Term (16.00 credits)
GRA 118 – Electronic Publishing (3.00)
GRA 802 – Graphic Design Seminar II (1.00)
MAT 110 – Math for Liberal Arts (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00)
Social Science (3.00)
Instructor approved program elective (3.00)

Second Year – Spring Term (16.00 credits)
CIS 148 – 3-D Modeling & Character Animation (3.00)
GRA 141 – Digital Imaging II (5.00)
GRA 162 – Web Page Graphics (5.00)
MMS 101 – Mass Media (5.00)
BIO 165 – Essentials of Anatomy & Physiology I (4.00)

Faculty Contact

Mark Rosenberg
mrosenberg@iowalakes.edu | 712-362-7976
Heating, Ventilation & Air Conditioning Technology

About

Gain hands-on experience with heating, ventilation and air conditioning equipment in our dual-track program. More and more emphasis is being placed on energy efficiency and sustainability, challenging today’s HVAC technician to understand how to use innovative methods and technology to install, maintain and repair HVAC equipment in a sustainable way. Our HVAC Technology program addresses the workplace training needs of the sustainable energy, natural resources management and industrial technology fields so you can pursue your career goals with the training and experience necessary.

Develop a variety of general industrial skills such as electrical and blueprint reading. Gain on-the-job experience learning about HVAC systems as a whole, utilizing technology and diagnosing and repairing HVAC systems. Become competent in the skills and knowledge necessary to succeed in this growing and challenging field.

A practical experience during the summer term along with advanced coursework during the second year ensures that you know what to expect when entering the workforce and, even better, that you’ll be ready for it. As you learn about and work on different types of HVAC systems, you’ll develop the broad and solid skill-set needed to thrive in this field.

Looking to get into the field sooner? Ask about the fast-track option.

Careers


Program Details

Enrollment Date: Fall Term
Program Length: 2 or 5 Terms
Degree: Diploma (39 credits) & Associate in Applied Science (72 credits)
Campus: Estherville

Faculty Contact

Don Edwards
dedwards@iowalakes.edu | 712-362-7956

CURRICULUM

First Year – Fall Term (16.00 credits)
ELE 119 – Basic Electricity (4.00)
HCR 102 – Introduction to HVAC (3.00)
HCR 112 – Heating Fundamentals (3.00)
MAT 743 – Technical Math (3.00)
SER 114 – Blueprint Reading (1.00)
SER 116 – Career Seminar (1.00)
SER 124 – Industrial Safety (1.00)

First Year – Spring Term (16.00 credits)
COM 753 – Technical Communications (3.00)
ELE 136 – Basic Electricity II (4.00)
HCR 810 – Energy Management (3.00)
SER 101 – Energy, Sustainability & the Environment (3.00)
Instructor approved business or related course (3.00)

First Year – Summer Term (4.00 credits)
HCR 932 – Internship (4.00)

Second Year – Fall Term (18.00 credits)
BUS 161 – Human Relations (3.00)
ELE 226 – Electric Motors and Generators (4.00)
HCR 205 – Air Conditioning Principles (3.00)
HCR 505 – Fundamentals of Refrigeration (3.00)
HCR 415 – Controls for HVAC (3.00)
HCR 544 – HVAC Systems (4.00)
SER 117 – Estimating for the Trades (1.00)

Second Year – Spring Term (18.00 credits)
BUS 161 – Human Relations (3.00)
HCR 125 – Oil and Hydronic Heating (3.00)
HCR 155 – Troubleshooting Heating Systems (3.00)
HCR 240 – Troubleshooting Air Conditioning Systems (3.00)
HCR 291 – Commercial Systems (3.00)
HCR 505 – Air Distribution (3.00)
Hotel & Restaurant Management

About
Gain hands-on training in the hospitality industry with the opportunity to earn a Diploma or Associate in Applied Science Degree. As the longest-running Hotel and Restaurant Management program in Iowa, our coursework and student experience continues to evolve to meet the skills needed to succeed in the industry.

While studying in hotel and restaurant industries, learning skills and experiencing management settings, you will become familiar with:

- Food costing
- Computerized front office management
- Food service sanitation
- Menu planning and design
- Food production
- Convention management
- Housekeeping management
- Hotel operations
- Personnel management.

Learn the ropes of the industry in our top-notch facilities. You’ll have access to two kitchens that are fully equipped with combi ovens, steam tables, duel platinum grills, broasters, tenderizers, mixers, convection ovens and more.

The best part is that employment and placement rates are exceptional for students in our program. In fact, 95 percent of graduates have been placed in an industry demanding new employees. Whether you want to become a restaurant manager or hotel manager, you can rest assured there will be a need for you in the workplace.

Careers
Cook or chef, Front Desk Personnel, Night Auditor, Dietetic Aide, Food and Beverage Supervisor, Assistant Management, Front of House and Back of House Managers

Program Details
Enrollment Date: Fall Term
Program Length: 2 or 4 Terms
Degree: Diploma (41 credits) or Associate in Applied Science (77 credits)
Campus: Emmetsburg

Faculty Contact
Jesse Grossnickle
jgrossnickle@iowalakes.edu | 712-852-5256

CURRICULUM

First Year – Fall Term (21.00 credits)
CSC 110 – Introduction to Computers (3.00)
HCM 104 – Applied Food Service Sanitation (4.00)
HCM 265 – Mathematics for Hospitality (3.00)
HCM 292 – Food Preparation (3.00)
HCM 591 – Housekeeping Management (3.00)
HCM 705 – Hospitality Club I (1.00)
HSC 154 – First Aide/CPR (1.00)
SPC 101 – Fundamentals of Oral Communication (3.00)

First Year – Spring Term (20.00 credits)
BUS 121 – Business Communications (3.00) or ENG 105 – English Composition I (3.00)
BUS 161 – Human Relations (3.00)
HCM 141 – Food Production (5.00)
HCM 229 – Nutrition for the Life Cycle (4.00)
HCM 595 – Front Office Operations/Night Audit (4.00)
HCM 707 – Hospitality Club Activities II (1.00)

Second Year – Fall Term (18.00 credits)
ACC 111 – Introduction to Accounting (3.00)
HCM 237 – Modified Diets (4.00)
HCM 240 – Menu Planning and Design (2.00)
HCM 330 – Hospitality Personnel Management (3.00)
HCM 450 – Job Seeking Skills I (2.00)
HCM 709 – Hospitality Club Activities III (1.00)
HCM 939 – Workplace Experience I (3.00)

Second Year – Spring Term (18.00 credits)
MKT 110 – Principles of Marketing (3.00)

Enrollment Date: Fall Term
Program Length: 2 or 4 Terms
Degree: Diploma (41 credits) or Associate in Applied Science (77 credits)
Campus: Emmetsburg

First Year – Fall Term (21.00 credits)
CSC 110 – Introduction to Computers (3.00)
HCM 104 – Applied Food Service Sanitation (4.00)
HCM 265 – Mathematics for Hospitality (3.00)
HCM 292 – Food Preparation (3.00)
HCM 591 – Housekeeping Management (3.00)
HCM 705 – Hospitality Club I (1.00)
HSC 154 – First Aide/CPR (1.00)
SPC 101 – Fundamentals of Oral Communication (3.00)

First Year – Spring Term (20.00 credits)
BUS 121 – Business Communications (3.00) or ENG 105 – English Composition I (3.00)
BUS 161 – Human Relations (3.00)
HCM 141 – Food Production (5.00)
HCM 229 – Nutrition for the Life Cycle (4.00)
HCM 595 – Front Office Operations/Night Audit (4.00)
HCM 707 – Hospitality Club Activities II (1.00)

Second Year – Fall Term (18.00 credits)
ACC 111 – Introduction to Accounting (3.00)
HCM 237 – Modified Diets (4.00)
HCM 240 – Menu Planning and Design (2.00)
HCM 330 – Hospitality Personnel Management (3.00)
HCM 450 – Job Seeking Skills I (2.00)
HCM 709 – Hospitality Club Activities III (1.00)
HCM 939 – Workplace Experience I (3.00)

Second Year – Spring Term (18.00 credits)
MKT 110 – Principles of Marketing (3.00)
Human Services

About

Do you enjoy working with people and helping them reach their goals? Then a career in Human Services may be a great fit for you. Pursue an Associate in Applied Science degree in a field that is projected to grow in demand over the next few years, according to the U.S. Bureau of Labor. Our Human Services program consists of four terms plus work experience, preparing you for a variety of career opportunities.

Develop skills in planning and case management, assessment and referrals, interviewing and behavioral observations, and working with individuals and groups. Become familiar with learning and behavior disabilities, mental illness, dementia and other related disorders. Whether you choose to work in a treatment center, social service agency or supported living program, you’ll develop the foundational skills you need right here while earning your Associate in Applied Science Degree.

Practical experience along with the advanced coursework during the second year ensures that you know what to expect when entering the workforce and, even better, that you’ll be ready for it. Upon graduation, you’ll be ready for entry-level employment or to transfer to a four-year college or university. If you transfer to a four-year institution, you may choose to specialize your skill-set by focusing on social work, psychology, counseling or education/special education.

Careers

Human Services Specialist/Assistant, Rehabilitation Counselor, Mental Health Counselor, Marriage/Family Therapist, Substance Abuse & Behavioral Disorder Counselor, Social & Community Service Manager, Receptionist & Information Clerk

Program Details

Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

Faculty Contact

Amy Ver Mulm
avermulm@iowalakes.edu | 712-362-7977

Curriculum

First Year — Fall Term (15.00 credits)
DSV 125 - Behavior Management (3.00)
ENG 105 - Composition I (3.00)
HSV 284 - Case Management (3.00)
PSY 111 - Introduction to Psychology (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

First Year — Spring Term (17.00 credits)
CSC 110 - Introduction to Computers (3.00)
DSV 150 - Counseling Skills (4.00) or
HSV 225 - Counseling Techniques (3.00)
ENG 106 - Composition II (3.00)
HSV 162 - Intro to Human Disabilities & Services (3.00)
Science (4.00)

First Year — Summer Term (6.00 credits)
DSV 941 - Practicum (3.00 - 6.00)
HSC 114 - Medical Terminology (3.00)

Second Year — Fall Term (16.00 credits)
BUS 161 - Human Relations (5.00)
DSV 155 - Services and Vocational Planning (4.00)
PSY 121 - Developmental Psychology (3.00) or
CRJ 201 - Juvenile Delinquency (3.00) or
CRJ 100 - Intro to Criminal Justice (3.00)
SOC 115 - Social Problems (3.00)
Math (3.00)

Second Year — Spring Term (15.00 credits)
CRJ 100 - Intro to Criminal Justice (3.00) or
CRJ 201 - Juvenile Delinquency (3.00) or
MAT 157 - Statistics (4.00)
HSV 140 - Social Work and Social Welfare (3.00)
SOC 120 - Marriage and Family (3.00)
SOC 160 - Introduction to Social Work (3.00) or
SOC 110 - Intro to Sociology (3.00)
SOC 200 - Minority Group Relations (3.00)
Massage Therapy

About
Master the knowledge, skills and techniques needed to thrive in a career in massage therapy. A diploma in Massage Therapy gives you the opportunity to earn a competitive salary and take this valuable skill—set anywhere in the world. Whether you choose to work in a chiropractic office, sports center or on a cruise ship, our Massage Therapy program will prepare you for real-life experience.

Complete courses in Medical Terminology, Intro to Swedish Massage, Anatomy and Physiology, Kinesiology/Anatomy & Movement for Massage Therapy, Sports Massage and more. The Iowa Lakes curriculum is based on the guidelines set by the Iowa Board of Massage Therapy and the National Certification Board to meet the requirements for passing the Iowa Board of Massage Therapy licensing examinations. The curriculum is challenging because of the emphasis on thoroughly understanding anatomy and body mechanics. Maintaining a 2.0 (or higher) GPA is essential for successful completion of the program and will greatly increase your chances of passing the licensure exam.

As a licensed massage therapist, you have endless options when it comes to choosing your work setting. Start your career in massage therapy with the skills and experience of a professional.

Careers
Upon successful completion of the State Board licensing examination, a Licensed Massage Therapist may provide services in chiropractic offices, salons, health clubs, sport centers, on cruise ships, or establish a business.

Program Details
Enrollment Date: Fall Term
Program Length: 3 Terms including Practicum
Degree: Diploma (39 credits)
Campus: Spencer

CURRICULUM

Fall Term (16.00 credits)
- BIO 163 - Essentials of Anatomy and Physiology (4.00)
- COM 725 - Workplace Communications Essentials (2.00)
- HSC 114 - Medical Terminology (3.00)
- MST 101 - Health and Wellness (1.00)
- MST 105 - Intro to Swedish Massage (5.00)
- MST 110 - Pathology for Massage Therapy (2.00)
- MST 152 - Chair Massage (1.00)

Spring Term (15.00 credits)
- MST 113 - Kinesiology/Anatomy & Movement for Massage Therapy (3.00)
- MST 138 - Spa Bodywork I (3.00)
- MST 143 - Intermediate Massage (3.00)
- MST 150 - Adapting to Special Populations (2.00)
- MST 153 - Deep Tissue Massage (5.00)
- SDV 240 - Professional Seminar (1.00)

Summer Term (8.00 credits)
- BUS 160 - Human Relations (2.00)
- MST 151 - Reflexology (1.00)
- MST 125 - Sports Massage (5.00)
- MST 159 - Ethics - Massage Therapy (1.00)
- MST 810 - Massage Clinic (1.00)

Faculty Contact
Ellie Larsen
elarsen@iowalakes.edu | 712-580-8625
Medical Assistant Specialist

About

If you like working with people, have an interest in health and are highly motivated, our Medical Assistant program may be a great fit for you. Assisting doctors, healthcare professionals and patients in a range of ways, medical assistants need a wide-ranging skill-set. In addition to the field-specific skills, graduates who want to work as a medical assistant must be well versed in time management, attention to detail, people skills and the ability to multitask.

You will learn the ropes of the field while working in our simulation clinic lab, featuring up-to-date equipment and computer training. Become familiar with clinical duties such as taking patient history, measurement of vital signs, assisting the provider with physical exams and minor office procedures and administering medication. Additionally, you’ll receive training in administrative duties such as scheduling appointments, data entry, managing electronic health records, medical coding and more.

In addition to the program’s coursework, you will participate in a practicum to receive additional on-the-job training. This training prepares you for what to expect in an ambulatory or medical clinic setting.

The Medical Assistant program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Medical Assisting Education Review Board (MAERB). You’ll be equipped with the training and skills needed to pass the AAMA National Certification Exam.

Program Acceptance Requirements

1. Provide documentation of physical exam and current immunizations within six months of scheduled practicum; may be required to complete a criminal background and child/dependent adult abuse registry check before placement in participating practicum facilities.
2. Arts and Science courses may be taken prior to completing medical assistant program core courses.
3. Core courses must be taken in sequential order and be completed with at least a “C” or “P” in classroom and clinical competencies.
4. If a student fails to complete the classroom or required clinical competencies in a course, both the failed course and corresponding clinical competencies must be repeated.
5. Core medical assistant program courses may be repeated only one time.

Careers

Medical Secretary, Insurance Claims Clerk, Receptionist and Information Clerk, Medical Records and Health Information Technician

Program Details

Enrollment Date: Fall Term
Program Length: 3 Terms
Degree: Diploma (44 credits)
Campus: Spencer

Faculty Contact

Mary Faber
mfaber@iowalakes.edu
712-580-8628

CURRICULUM

Fall Term (20.00 credits)
BIO 168 – Human Anatomy & Physiology I (4.00)
COM 725 – Workplace Comm Essentials (2.00) or ENG 105 - Composition I (3.00)
CSC 110 – Introduction to Computers (3.00)
HSC 114 – Medical Terminology (3.00)
MAP 111 – Medical Office Management I (5.00)
MAP 542 – Clinical Assisting I (5.00)
MAP 512 – Medical Assisting Pharmacology (2.00)

Spring Term (20.00 credits)
BIO 173 – Human Anatomy & Physiology II (4.00)
HSC 217 – Introduction to Pathology (3.00)
MAP 117 – Medical Office Management II (5.00)
MAP 128 – Automated Medical Office (2.00)
MAP 233 – Medical Laboratory Procedures (4.00)
MAP 543 – Clinical Assisting II (5.00)
SDV 240 – Professional Seminar (1.00)

Summer Term (4.00 credits)
HSC 192 – Emergency Preparedness (1.00)
MAP 941 – Practicum (3.00)
Medical Office Technology

About

If you like working with people, have an interest in health and are highly motivated, our Medical Office Technology program may be a great fit for you. Medical offices and other facilities have a high demand for certified, skilled professionals to carry out clerical and organizational tasks. Graduates of the program may choose to work anywhere from medical clinics or hospitals to dental offices or billing and insurance services.

Develop a wide-ranging skill-set and become well versed in time management, attention to detail, people skills and the ability to multitask. You will become familiar with tasks such as scheduling appointments, data entry and organizing and managing health information and medical records. Additionally, you will learn the various classification systems to code medical diagnoses and treatment for reimbursement purposes, handle general billing and accounts, file insurance and assist with transcription.

Through the training you receive here, you will feel confident and competent to enter the workforce as a health information professional. After completing the program, you may choose to apply for a variety of certification exams in transcription, coding or insurance and billing. Our program will equip you with the communication skills, organization skills and medicine-specific knowledge you need to thrive working in a medical office setting.

CURRICULUM

Fall Term (20.00 credits)
BIO 168 – Human Anatomy & Physiology I (4.00)
COM 725 – Workplace Communications Essentials (2.00) or ENG 105 - Composition I (3.00)
CSC 110 – Introduction to Computers (3.00)
HIT 244 – Basic CPT Coding (3.00)
HSC 114 – Medical Terminology (3.00)
MAP 111 – Medical Office Management I (3.00)
MAP 512 – Medical Assisting Pharmacology (2.00)

Spring Term (21.00 credits)
ADM 220 – Career Development Skills (1.00)
BIO 173 – Human Anatomy & Physiology II (4.00)
BUS 110 – Business Math and Calculators (3.00)
HIT 242 – Coding (ICD-10) (3.00)
HIT 601 – Medical Transcription (2.00)
HSC 217 – Introduction to Pathology (3.00)
MAP 128 – Automated Medical Office (2.00)
MAP 141 – Medical Insurance (3.00)

Careers

Medical Secretary, Medical Records & Health Information Technician, Receptionist, Health Information Clerk, Insurance & Billing Specialist, Administrative Medical Assistant

Program Details

Enrollment Date: Fall Term
Program Length: 2 Terms
Degree: Diploma (41 credits)
Campus: Spencer

Faculty Contact

Mary Faber
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HEALTH | ASSOCIATE DEGREE NURSING

Nursing – Associate Degree

About

Develop the skills needed to excel as a nurse in both clinic and hospital settings while earning an Associate Degree in Nursing (ADN). After completing the program, you’ll become eligible to take the NCLEX-RN licensure exam. Licensed nurses have the opportunity to work in a variety of settings, from hospitals and rehabilitation centers to schools and community health centers.

Program Acceptance Requirements

In order to qualify for the Iowa Lakes Nursing Associate Degree program, applicants need to complete one of the following options:

Option #1

1. Attain a GPA of 2.5 or higher in the following college science courses. In order for courses to be considered the student must have a grade C or higher.
   • Human Anatomy and Physiology I and Lab (BIO-168), 4 credits
   • College Chemistry and Lab (CHM-151), 4 credits
   • Introductory Biology and Lab (BIO-105) or Microbiology and Lab (BIO-186), 4 credits

2. ACT results:
   • Composite score of 20*
   • The composite score will be based on English, reading, mathematics, and science scores. The additional “Writing Test” is not required.

Option #2

1. Attain a GPA of 3.0 or higher in the following college level science courses. In order for courses to be considered the student must have a grade C or higher.
   • Human Anatomy and Physiology I and Lab (BIO-168), 4 credits
   • College Chemistry and Lab (CHM-151), 4 credits
   • Introductory Biology and Lab (BIO-105) or Microbiology and Lab (BIO-186), 4 credits

2. Students that do not attain a GPA of 3.0 will have other college science course grades evaluated for acceptance.

3. ACT and Accuplacer results:
   • Composite score of 19 on ACT and Accuplacer (college placement exam) equivalent results.*
   • The composite score will be based on ACT results of English, reading, mathematics, and science scores. The additional “Writing Test” is not required.

Option #3

1. Attain a GPA of 2.5 or higher in 12 credits of college level science courses. In order for courses to be considered the student must have a grade C or higher.

2. ACT results:
   • Composite score of 19*
   • The composite score will be based on English, reading, mathematics, and science scores. The additional “Writing Test” is not required.

*Request that the ACT sends official results to the Iowa Lakes Admissions Office. Hand delivered results will not be accepted. Register for the ACT exam by visiting http://www.actstudent.org

Careers

Registered Nurse (RN), Critical Care Nurse, Acute Care Nurse

Program Details

Enrollment Date: Fall or Summer Term (Hybrid)
Program Length: 5 Terms
Degree: Associate in Applied Science (85 credits)
Campus: Emmetsburg
Nursing – Practical

About

Develop the skills needed to provide provisional care for individuals, families or communities with basic health care needs in our three-term Practical Nursing (PN) program. After completing the program, you’ll become eligible to take the National Council Licensure Examination for Practical Nurses (NCLEX-PN) licensure exam. Licensed practical nurses have the opportunity to work in a variety of settings, from hospitals and rehabilitation centers to long-term care facilities.

Nurses need in-depth training and practical experience to best care for their patients and communicate with other medical professionals. Additionally, they need to be able to help their clients understand the care they’re receiving.

Through hands-on classroom training and supervised clinical experience, you’ll acquire the critical thinking, communication and practical skills needed to thrive as a nurse. Prepare for these real-life situations while earning your diploma in our PN program.

Program Acceptance Requirements

In order to qualify for the Iowa Lakes Practical Nursing Diploma program, applicants need to complete the following:

1. Attain a high school diploma with a minimum GPA of 2.0 or GED mean score equivalent or college GPA of 2.0 from 7 credits of college level science course work attaining a grade C or higher.

2. Attain a grade C or higher in Human Anatomy and Physiology I and Lab (BIO-168), 4 credits.

3. Pass a 75 Hour Certified Nursing Assistant (HSC-172) course or proof of working as a CNA. Documentation must be submitted to the Nursing Program.

4. ACT or Accuplacer Results:
   - A composite score of 18 or equivalent exam (Compass, ASSET, Accuplacer)
   - The composite score is based upon English, reading, mathematics and science scores. The additional “Writing Test” is not required.
   - Request that the ACT sends official results to the Iowa Lakes Admissions Office. Hand delivered results will not be accepted.
   - Register for the ACT exam by visiting http://www.actstudent.org. Register for Accuplacer by contacting the Iowa Lakes Community College Success Center.

Careers

Licensed Practical Nurse (LPN), Home Health Aide, Nursing Assistant

CURRICULUM

Program Pre-requisites

BIO 168 – Human Anatomy & Physiology I (4.00 credits)
BIO 172 – Nurse Aide (5.00 credits)

Fall Term (16.00 credits)
BIO 151 – Nutrition (3.00)
BIO 173 – Human Anatomy & Physiology II (4.00)
HSC 151 – Dosage Calculations (1.00)
PNN 105 – Practical Nursing Concepts I (7.00)
PNN 155 – PN Pharmacology (1.00)

Spring Term (15.00 credits)
HSC 202 – Health Informatics (2.00)
PNN 106 – Practical Nursing Concepts II (8.00)
PNN 156 – PN Pharmacology II (2.00)
PSY 121 – Developmental Psychology (3.00)

Summer Term (8.00 credits)
COM 725 – Workplace Communications Essentials (2.00)
PNN 107 – Practical Nursing Concepts III (6.00)

Faculty Contact

Tammy Shimon
tshimon@iowalakes.edu
712-852-5293

Program Details

Enrollment Date: Fall Term
Program Length: 3 Terms
Degree: Diploma (46 credits)
Campus: Emmetsburg
Paralegal & Legal Studies

About
Learn the practical skills needed to successfully perform legal tasks while earning an Associate in Applied Science degree. In our Paralegal and Legal Studies program, you’ll not only learn about wills, lawsuits and other legal situations paralegals are involved with, you’ll actually gain experience doing the tasks that will be expected of you in those situations.

Become competent in your ability to evaluate cases, conduct client and witness interviews, draft court pleadings and motions, perform legal research, prepare legal documents, manage and organize case files and help attorneys prepare for trials and hearings. Through a law office internship, you will be able to experience the daily tasks of a paralegal firsthand.

This on-the-job experience along with the advanced coursework ensures that you’ll have the skills and knowledge needed to gain employment in a law firm, insurance company or government agency. Many local employers look to Iowa Lakes in order to fulfill their employment needs. When the time comes, you’ll be fully prepared to thrive as a paralegal.

Careers
Lawyer, Licensing Examiner/Inspector, Judicial Law Clerk, Paralegal & Legal Assistant, Court Reporter, Court Clerk, Title Examiner/Abstractor/Searcher, Legal Secretary

Program Details
Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (70 credits)
Campus: Online

Faculty Contact
Kayla Evans
kevans@iowalakes.edu | 712-362-7979

Curriculum
First Year – Fall Term (16.00 credits)
CSC 110 - Introduction to Computers (3.00)
ENG 105 - Composition I (3.00)
LGL 120 – Introduction to Law and Paralegal (2.00)
LGL 122 – Legal Ethics (2.00)
LGL 250 – Criminal Law and Procedure (3.00)
LGL 250 – Family Law (3.00)

First Year – Spring Term (17.00 credits)
ENG 106 - Composition II (3.00)
LGL 121 - Law Office Software (1.00)
LGL 154 - Legal Research (4.00)
LGL 180 - Torts and Litigation (3.00)
LGL 210 - Contract Law (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

Second Year – Fall Term (19.00 credits)
BUS 183 - Business Law (3.00) or
ACC 261 - Income Tax Accounting (3.00)
LGL 140 - Wills, Trusts and Estate Administration (3.00)
LGL 161 - Legal Writing (4.00)
MAT 110 - Math for Liberal Arts (1.00)
Humanities (3.00)
Social Science (3.00)

Second Year – Spring Term (16.00 credits)
BUS 250 - Principles of Real Estate (3.00)
LGL 200 - American Trial Process (3.00) or LGL 205 - Employment Law (3.00) or ACC 131 - Principles of Accounting I (4.00) or
ACC 261 - Income Tax Accounting (3.00)
LGL 242 - Civil Procedure and Practice (5.00)
Science (4.00)
Social Science (5.00)

Second Year – Summer Term (2.00 credits)
LGL 942 - Paralegal Practicum (2.00)
The Practicum can also be completed in the Second Year – Spring Term.
Parts Sales & Inventory Control

About
Learn the ropes of Part Sales and Inventory Control while earning a diploma in our three-term program. Prepare for a career as a parts salesman, stock clerk or wholesale/manufacturing sales representative while receiving computer training and business practicum.

Develop computer skills that will ensure your success working in parts houses with sophisticated inventory access and control systems. Whether you choose to pursue a career in an automotive parts department at an automobile dealership, a marine engine repair shop or auto supplies store, you’ll establish the foundational skills and experience needed to thrive right here at Iowa Lakes.

Careers
Parts Salesperson, Stock Clerk
Sales Representative, Wholesale & Manufacturing

Program Details
Enrollment Date: Fall Term
Program Length: 3 Terms
Degree: Diploma (41 credits)
Campus: Emmetsburg

Faculty Contacts
Denise Reimer
dreimer@iowalakes.edu
712-852-5258

Gavin Illg
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CURRICULUM
Fall Term (19.00 credits)
CSC 110 – Introduction to Computers (3.00)
MAT 772 – Applied Math (3.00)
MKT 140 – Principles of Selling (3.00)
PAR 115 – Parts Catalog and Lab (3.00)
PAR 123 – Parts System and Lab (4.00)
Instructor approved Elective (3.00)

Spring Term (17.00 credits)
ACC 111 – Introduction to Accounting (3.00)
BUS 161 – Human Relations (3.00)
COM 725 – Workplace Communications Essentials (2.00)
MGT 101 – Principles of Management (3.00)
MKT 150 – Principles of Advertising (3.00)
PAR 124 – Inventory Control and Lab (3.00)

Summer Term (5.00 credits)
BUS 932 – Internship (5.00)
Photography Specialist

About

Gain a valuable skill-set that is needed across the world with our Photography program. Companies across a variety of industries need images for marketing, social media, newsletters, web design and more. Develop the technical experience and photography skills right here to become an asset to any employer.

Master the art of creating, setting up, composing, lighting and producing photographs to professional standards. Learn the basics of black-and-white film photography as well as developing and printing photographs. Become familiar with Photoshop, Lightroom and other photography software to develop your own artistic touch on our images.

Through classroom activities and hands-on experience in our photography studio, you'll develop confidence in your ability to effectively create images. In just one year, you'll be ready for an entry-level position in digital media, photojournalism or portrait photography. Whether you choose to work for a company or pursue your own photography business, the Photography program will equip you with the foundational skills you need to excel as a photographer.

CURRICULUM

Fall Term (16.00 credits)
- ENG 105 – Composition I (3.00)
- JOU 171 – Introduction to Photography (3.00)
- JOU 175 – Digital Photography (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)
  Science (4.00)

Spring Term (20.00 credits)
- ART 286 – Introduction to Portrait Photography (3.00)
- BUS 161 – Human Relations (3.00)
- JOU 177 – News & Advertising Photography (3.00)
- JOU 180 – Digital Imaging for Professionals (3.00) or GRA 141 – Digital Imaging II (3.00)
- JOU 941 – Practicum (2.00)
- MGT 110 – Small Business Management (3.00) or MGT 101 – Principles of Management (3.00)
- MKT 150 – Principles of Advertising (3.00) or MKT 140 – Principles of Selling (3.00)

Careers

Photographer, Photographic Processing Machine Operator, Film and Video Editor

Program Details

Enrollment Date: Fall Term
Program Length: 2 Terms
Degree: Diploma (36 credits)
Campus: Estherville

Faculty Contact

Dave Petrick
dpetrick@iowalakes.edu | 712-362-7954
About

Prepare for a career in power equipment repair in our Powersports and Power Equipment Technology program. Through classroom and lab experience, you’ll develop competence in repairing the most modern powersports equipment as well as chainsaws, lawn and gardening equipment and generators. Master the skills needed to pursue a career in power equipment technology.

Receive diverse training that prepares you to repair a variety of two and four-cycle engines, powertrains and chassis. Learn how to maintain and repair powersport vehicles such as motorcycles, ATVs, UTVs, snowmobiles and personal watercraft. Acquire the knowledge and skill-set needed to diagnose and service today’s powersport and power equipment.

Gain hands-on experience while working in our modern, high tech service lab and through student internship opportunities. You will receive the training needed, and earn specialized certifications while working on leading industry brands such as Polaris, Victory, Honda, Yamaha, Harley Davidson, Suzuki, Kawasaki, John Deere, Toro, Stihl, Echo and more!

Whether you choose to work at a power equipment dealer, rental center or run your own power equipment repair business, you’ll establish a strong foundation of skills and understanding of powersports equipment repair right here at Iowa Lakes. Prepare to thrive as a technician with plenty of hands-on experience to back you up.

Careers

Rental Center, Independent Repair Shop, Powersport Dealers, Sales/Parts, Self Employment, Small Engines Dealers, Outdoor Power Equipment Dealers

Program Details

Enrollment Date: Fall Term
Program Length: 5 or 5 Terms
Degree: Diploma (44 credits) or Associate in Applied Science (79 credits)
Campus: Emmetsburg

Faculty Contacts

Matt Bohl
mbohl@iowalakes.edu
712-852-5230

Dustin Ross
dross@iowalakes.edu
712-852-5260

CURRICULUM

First Year – Fall Term (18.00 credits)
BUS 161 - Human Relations (3.00)
MOT 151 - Shop Safety and Procedures (1.00)
MOT 153 - Fundamentals of Electricity (3.00)
MSE 143 - Small Engines Theory (3.00)
MSE 146 - Small Engines Laboratory (3.00)
MSE 155 - Drive System Fund Theory & Lab (3.00)
WEL 534 - Trade and Industry Welding (2.00)

First Year – Spring Term (18.00 credits)
COM 723 - Workplace Communications (3.00)
MAT 772 - Applied Math (3.00)
MOT 129 - Motorcycle Engine 2 & 4 Stroke Lab (2.00)
MOT 131 - Motorcycle Engine 2 & 4 Stroke Theory (3.00)
MOT 139 - Motorcycle Fuel Systems (3.00)
MOT 144 - Drive Systems, Chassis & Suspension (4.00)

First Year – Summer Term (7.00 credits)
MOT 146 - Ignition & Electrical Systems (3.00)
MOT 910 - Cooperative Work Experience (4.00)

Second Year – Fall Term (19.00 credits)
BCA 212 - Computer Business Applications or
CSC 110 - Introduction to Computers (3.00)
BUS 126 - Business Principles (3.00)
MOT 202 - ATV Systems (3.00)
MOT 203 - Motorcycle & ATV Tune Up and Maintenance (4.00)
MOT 211 - Advanced Drivability & Troubleshooting (4.00)
MOT 240 - Dyno Analysis (2.00)

Second Year – Spring Term (17.00 credits)
MOT 221 - Adv Electrical Diagnosis & Troubleshoot (4.00)
MOT 231 - Advanced Fuel Systems (4.00)
MOT 250 - Outdoor Power Equipment (3.00)
MSE 159 - Snowmobile Systems (3.00)
MSE 183 - Personal Water Craft Systems (3.00)
About

Do you want a career with high-income potential? Do you like working with people and helping others find solutions to their problems? Then a career in sales and marketing may be the perfect fit for you.

In our dual-track Sales and Marketing Management program, you’ll gain the skills and training necessary to succeed in the industry. With the opportunity to earn a diploma or an Associate in Applied Science degree, you’ll complete courses in visual merchandising, selling, advertising, marketing, management and accounting. Through the practicum portion of the curriculum, you’ll gain hands-on experience in real work settings.

Prepare for a stimulating and rewarding career with plenty of versatility. Whether you want to be a sales representative, travel agent or marketing coordinator, you can take this career a number of ways. The Sales and Marketing Management coursework and on-the-job training will ensure you’re competent and confident upon entering the workforce.

CURRICULUM

First Year - Fall Term (17.00 credits)
BUS 161 - Human Relations (3.00)
BUS 175 - Business Seminar I (1.00)
MKT 140 - Principles of Selling (3.00)
MKT 142 - Consumer Behavior (3.00)
MKT 155 - Visual Merchandising (4.00)
MKT 290 - Professionalism I: DEX/DECA (1.00)
MKT 938 - On-The-Job Training (2.00)

First Year - Spring Term (16.00 credits)
ACC 111 - Introduction to Accounting (3.00)
ENG 105 - Composition I (3.00)
MGT 101 - Principles of Management (3.00)
MKT 110 - Principles of Marketing (3.00)
MKT 150 - Principles of Advertising (3.00)
MKT 291 - Professionalism II: DEX/DECA (1.00) or MKT 293 - Professionalism IV: DEX/DECA (1.00)

First Year - Summer Term (5.00 credits)
BUS 932 - Internship (5.00)

Second Year - Fall Term (15.00 credits)
CSC 110 - Introduction to Computers (3.00)
MAT 110 - Math for Liberal Arts (5.00)
SPC 101 - Fundamentals of Oral Communication (3.00)
Business Electives (6.00)

Second Year - Spring Term (16.00 credits)
BIO 105 - Introductory Biology (4.00)
ECN 120 - Principles of Macroeconomics (3.00)
PHI 105 - Intro to Ethics (3.00)
POLS 111 - American National Government (3.00)
Business Elective (3.00)
Substance Abuse Counseling

About

Are you looking for a rewarding career? Do you enjoy working with people and helping them improve their lives? Then a career in substance abuse counseling may be a great fit for you. Our two-year program will equip you with the knowledge and skills needed as established by the Iowa Board of Substance Abuse Certification to become a certified alcohol and drug counselor (CADC).*

You’ll gain hands-on experience working in an alcohol and drug treatment unit where you apply the core education and skills you have learned under the direct supervision of a certified counselor. After completing the program and additional hours of experience, you must take the certification exam through the Iowa Board of Certification.* Additionally, you’ll meet transfer requirements to move on to a four-year degree program. Out-of-state students may need to meet additional requirements.

With this on-the-job training, mentorship and advanced coursework, you’ll establish a strong foundation of skills needed to succeed as a substance abuse counselor. The preparation you do here ensures that you’ll know what to expect when entering the workforce and, even better, that you’ll be ready for it.

* Iowa residency restrictions for Iowa Certification may apply.

Careers

Substance Abuse & Behavioral Disorder Counselor, Mental Health Counselor, Mental Health & Substance Abuse Social Worker, Social & Human Service Assistant

Program Details

Enrollment Date: Any Term
Program Length: 5 Terms
Degree: Associate in Applied Science (68 credits)
Campus: Estherville

Faculty Contact

Amy Ver Mulm
avermulm@iowalakes.edu
712-362-7977

CURRICULUM

First Year – Fall Term (13.00 credits)
ENG 105 - Composition I (3.00)
HSV 284 - Case Management (3.00)
PSY 111 - Introduction to Psychology (3.00)
SDV 103 - Successful Learning (1.00)
Math (3.00)

First Year – Spring Term (17.00 credits)
BIO 151 - Nutrition (3.00) or
ENG 106 - Composition II (3.00)
CRI 207 - Drug Use and Abuse (3.00)
DSV 160 - Counseling Skills (4.00) or
HSV 225 - Counseling Techniques (3.00)
PSY 121 - Developmental Psychology (5.00)
Math or Science (4.00)

First Year – Summer Term (16.00 credits)
BUS 161 - Human Relations (3.00)
CSC 110 - Introduction to Computers (3.00)
PHI 105 - Introduction to Ethics (3.00)
SOC 200 - Minority Group Relations (3.00)
Science (4.00)

Second Year – Fall Term (15.00 credits)
HSV 293 - Substance Abuse Treatment & Planning (3.00)
PSY 241 - Abnormal Psychology (3.00)
SOC 115 - Social Problems (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00) or
SPC 112 - Public Speaking (3.00) or
SPC 122 - Interpersonal Communications (3.00)
Humanities (3.00)

Second Year – Spring Term (7.00 credits)
HSV 901 - Substance Abuse Practicum I (3.00)
HSV 902 - Substance Abuse Practicum II (4.00)
Surgical Technology

About

Get acquainted with all areas of surgical technology while earning a diploma or Associate in Applied Science degree in Surgical Technology. Surgical technologists work with surgeons, anesthesiologists, registered nurses and other surgical personnel in a range of ways. As an integral part of the surgical team, surgical technologists need in-depth training and practical experience to best deliver patient care for and assume appropriate responsibilities before, during and after surgery.

Because surgical technology practitioners fill various roles, our dual-track program ensures you’re prepared for all possible responsibilities. Here are the roles you’ll train in:

- **Scrub surgical technologist**: handles the instruments, supplies and equipment necessary during the surgical procedure; anticipates the needs of the surgeon; ensures quality patient care during the operative procedure and is constantly on vigil for maintenance of the sterile field.

- **Circulating surgical technologist**: obtains additional instruments, supplies and equipment necessary while the surgical procedure is in progress; monitors conditions in the operating room and constantly assesses the needs of the patient and surgical team.

- **Second assisting surgical technologist**: assists the surgeon and/or first assistant during the operative procedure by carrying out technical tasks other than cutting, clamping and suturing of tissue. This role is distinct from that of the first assistant and may, in some circumstances, be performed at the same time as the scrub role.

Careers

Surgical Technologists are in high demand. Right now most Iowa Lakes graduates are receiving sign on bonuses of $5,000 and many are being given up to $7,000 in loan forgiveness.

Program Details

- **Enrollment Date**: Fall Term
- **Program Length**: 3 or 6 Terms
- **Degree**: Diploma (44 credits) or Associate in Applied Science (76 credits)
- **Campus**: Spencer

Faculty Contact

Dana Grafft
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CURRICULUM

**First Year – Fall Term (16.00 credits)**
- BIO 168 – Human Anatomy & Physiology I (4.00)
- CSC 110 – Introduction to Computers (3.00)
- ENG 105 – English Composition I (3.00)
- HSC 114 – Medical Terminology (3.00)
- Elective: Humanities (3.00)

**First Year – Spring Term (16.00 credits)**
- BIO 173 – Human Anatomy & Physiology II (4.00)
- MAT 110 – Math for Liberal Arts (3.00)
- PSY 111 – Introduction to Psychology (3.00)
- SOC 110 – Introduction to Sociology (3.00)
- Elective: PSY 121 – Developmental Psychology (3.00)

**First Year – Summer Term (6.00 credits)**
- BUS 161 – Human Relations (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

**Second Year – Fall Term (17.00 credits)**
- SUR 123 – Patient Care Concepts (2.00)
- SUR 129 – Surgical Foundations (6.00)
- SUR 151 – Surgical Foundations Lab (4.00)
- SUR 450 – Microbiology Surgical Technology (2.00)
- Elective: PHI 105 – Introduction to Ethics (3.00)

**Second Year – Spring Term (14.00 credits)**
- SDV 240 – Professional Seminar (1.00)
- SUR 225 – Surgical Procedures (6.00)
- SUR 227 – Surgical Procedures Lab (2.00)
- SUR 420 – Pharmacology for Surgical Tech (2.00)
- SUR S17 – Surgical Procedures Practicum I (3.00)

**Second Year – Summer Term (7.00 credits)**
- SUR S19 – Surgical Technology Practicum (4.00)
- Instructor approved elective (3.00)
Veterinary Technician

About

Get acquainted with all areas of animal patient care through the Veterinary Technician program at Iowa Lakes. You will earn an Associate in Applied Science degree and develop the skills needed to assist doctors of veterinary medicine in a range of ways. Veterinary technicians need in-depth training and practical experience to best care for and handle animals. Additionally, they need to be able to help their clients understand the care their animal is receiving. Through our program’s coursework, you will gain hands-on experience with lab tests, radiology procedures and surgical assisting through our animal clinic observations classes and internship opportunities.

Our program is accredited by the American Veterinary Medical Association. You’ll be equipped with the training and skills needed to pass the Veterinary Technician National Exam (VTNE) and the Iowa Veterinary Technician State Exam.

Program Acceptance Requirements

In order to qualify for the Iowa Lakes Veterinary Technician program, applicants need to complete the following:

1. An application for admission to Iowa Lakes Community College.
2. Assessment requirement: Take a placement test and meet the minimum score requirements for Reading, Writing, and Math. You may take the ACT or Accuplacer:
   - ACCUPLACER Next Generation Writing Skills Score of 250 or higher
   - ACCUPLACER Next Generation Reading Score of 245 or higher
   - ACCUPLACER Next Generation Algebra (QAS) Score of 250 or higher
   or
   - ACCUPLACER Sentence Skills Score of 60 or higher
   - ACCUPLACER Reading Score of 70 or higher
   - ACCUPLACER Elementary Algebra Score of 60 or higher
   or
   - ACT English Score of 17 or higher
   - ACT Reading Score of 16 or higher
   - ACT Math Score of 19 or higher
3. Have graduation from an accredited high school with a cumulative GPA of 2.5 or higher, GED of 550 or higher, or HiSet certificate.
4. Submit all official transcripts (high school and college).
5. Complete the following prerequisite courses with a grade of “C” or better:
   - Introductory Biology or higher (or one year high school biology)
   - Introduction to General Chemistry or higher (or one year high school chemistry)
6. The College Admissions Office will determine the 24 students who will receive an invitation for the program orientation, and registration. At the time the College formally processes your admission application, you will receive additional information regarding all requirements for this program.

Careers

Veterinary Technologist and Technician, Veterinary Assistant, Laboratory Animal, Caretaker, Livestock Health Management, Military, Biomedical Research, Zoo or Wildlife Medicine

Program Details

Enrollment Date: Fall Term
Program Length: 5 Terms
Degree: Associate in Applied Science (77 credits)
Campus: Emmetsburg

Faculty Contact

Dr. Michael Zaugg
mzaugg@iowalakes.edu
712-852-5293

CURRICULUM

First Year – Fall Term (18.00 credits)
AGV 103 - Introduction to Veterinary Science (3.00)
AGV 118 - Animal Anatomy and Physiology I (4.00)
AGV 119 - Veterinary Medical Terminology (2.00)
AGV 150 - Office Procedures for Veterinary Technicians (5.00)
AGV 189 - Small Animal Clinic Observation (2.00)
AGV 267 - Dosage Calculations for Vet Technicians (1.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

First Year – Spring Term (18.00 credits)
AGV 112 - Vet Tech Anatomy & Physiology II (4.00)
AGV 145 - Animal Nutrition (3.00)
AGV 161 - Animal Nursing I (3.00)
AGV 167 - Veterinary Clinic Pathology I (3.00)
AGV 183 - Large Animal Clinic Observation (2.00)
MAT 110 - Math for Liberal Arts (3.00)

First Year – Summer Term (7.00 credits)
AGV 932 - Internship (4.00)
BUS 161 - Human Relations (3.00)

Second Year – Fall Term (16.00 credits)
AGC 210 - Employment Seminar (1.00)
AGV 158 - Veterinary Law and Ethics (3.00)
AGV 162 - Animal Nursing II (3.00)
AGV 167 - Veterinary Clinic Pathology II (5.00)
AGV 170 - Veterinary Anesthesiology (3.00)
ENG 105 - Composition I (5.00)

Second Year – Spring Term (18.00 credits)
AGV 140 - Veterinary Pharmacology (5.00)
AGV 177 - Animal Nursing III (4.00)
AGV 187 - Veterinary Computer Applications (3.00)
AGV 188 - Veterinary Clinic Pathology III (4.00)
AGV 259 - VTNE Review and Preparation (1.00)
Social Science or Humanities (3.00)
Water Quality Technician

About

Do you dream of a rewarding career that contributes to the quality of life we experience? Then a career as a Water Quality Technician may be the perfect fit for you. The concern over water quantity and water quality issues is higher than ever, and as a result, the career opportunities for professionals trained in water quality technology continue to grow. Through our Water Quality Technician program, you’ll become familiar with the workplace training needs of the sustainable energy, natural resources management and industrial fields.

Develop a variety of general industrial skills such as electrical and blueprint reading. Gain exposure to water processing facilities and get on-the-job experience analyzing the parameters of water, evaluating the effectiveness of water processing and learning how to operate and manage water processing and wastewater treatment systems.

This practical experience along with the advanced coursework during the second year ensures that you know what to expect when entering the workforce and, even better, that you’ll be ready for it. You’ll be ready to operate and manage water processing and wastewater treatment systems with confidence.

CURRICULUM

First Year – Fall Term (17.00 credits)
- BIO 112 - General Biology I (4.00)
- ELE 119 - Basic Electricity I (4.00)
- EVS 173 - Introduction to Water Resources (3.00)
- MAT 743 - Technical Math (3.00)
- SER 114 - Blueprint Reading (1.00)
- SER 116 - Career Seminar (1.00)
- SER 124 - Industrial Safety (1.00)

First Year – Spring Term (17.00 credits)
- BIO 113 - General Biology II (4.00)
- ELE 136 - Basic Electricity II (4.00)
- EVS 225 - Collection & Distribution Systems (3.00)
- SER 101 - Energy, Sustainability & the Environment (3.00)
- SER 230 - Maintenance & Repair of Pumps & Valves (3.00)

First Year – Summer Term (6.00 credits)
- EVS 946 - Water Quality Internship (6.00)

Second Year – Fall Term (18.00 credits)
- BUS 161 - Human Relations (3.00) or
  PSY 111 - Introduction to Psychology (3.00) or
  SOC 110 - Introduction to Sociology (3.00)
- COM 753 - Technical Communications (3.00)
- CSC 110 - Intro to Computers (3.00) or
  MGT 101 - Principals of Management (3.00) or
  BUS 102 - Intro to Business (3.00)
- ELE 226 - Electric Motors and Generators (4.00)
- EVS 275 - Water Analysis (5.00)

Second Year – Spring Term (17.00 credits)
- ELE 195 - Motor Control (3.00)
- ELE 242 - Programmable Logic Control Systems (4.00)
- EVS 274 - Water Processing (5.00)
- EVS 284 - Wastewater Treatment (5.00)
Welding Technology

About

Gain hands-on welding experience while earning a diploma in Welding Technology. Today's welders are expected to plan, supervise and perform tasks necessary for making, installing and repairing all types of equipment and structures. You will receive hands-on training in welding techniques, skills and use of equipment in our state-of-the-art lab.

Become familiar with welding processes such as Oxy Fuel Welding and Cutting, Brazing and Soldering, Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding and Pipe Welding. You will be trained on special processes such as Robotics and Flux Cored Arc Welding. Our competency-based program allows you to move at your own pace. Once you reach competency in one area of welding, you’ll move on to the next.

As an AWS Accredited Training Facility (ATF), our program provides you the opportunity to obtain welding certification while attending school. Upon graduation, you’ll enter into the national registry and receive a certificate for your participation.

Whether you choose to pursue a career in manufacturing, pipeline welding or fabrication, you’ll establish the foundational skills and experience needed to thrive right here at Iowa Lakes.

Careers

Manufacturing, Pipeline Welding, Self Employment, Fabrication, Ship Construction, Structural Steel Worker

Program Details

Enrollment Date: Fall Term
Program Length: 2 Terms
Degree: Diploma (38 credits)
Campus: Emmetsburg

Faculty Contact

Emily Gottsche
egottsche@iowalakes.edu | 712-852-5272

CURRICULUM

Fall Term (18.00 credits)
BUS 161 – Human Relations (3.00)
WEL 121 – Oxy Fuel Welding and Cutting (4.00)
WEL 228 – Intro to Welding, Safety & Health of Welders (1.00)
WEL 255 – Print Reading and Welding Symbol Interpretation (5.00)
WEL 254 – Welding Inspection & Testing Principles (1.00)
WEL 274 – Shielded Metal Arc Welding I (3.00)
WEL 275 – Shielded Metal Arc Welding II (3.00)

Spring Term (20.00 credits)
COM 725 – Workplace Communications Essentials (2.00)
MAT 770 – Applied Math (2.00)
WEL 179 – Special Processes/Procedures (5.00)
WEL 244 – Gas Metal Arc Welding Short Circuit Transfer (2.00)
WEL 245 – Gas Metal Arc Welding Spray Transfer (2.00)
WEL 251 – Gas Tungsten Arc Welding for Carbon Steel (2.00)
WEL 252 – Gas Tungsten Arc Welding for Aluminum (1.00)
WEL 253 – Gas Tungsten Arc Welding for Austenitic Stainless Steel (1.00)
WEL 310 – Pipe Welding (5.00)
About

Are you looking for a challenging and rewarding career with room to advance? Then our Wind Energy and Turbine Technology program may be a great fit for you. As one of the first three programs nationwide to earn the American Wind Energy Association’s Seal of Approval for Wind Turbine Service Technician Programs, we pride ourselves on being a leader in delivering rigorous coursework to produce the front-line technicians the industry needs.

Our dual-track program helps you enter a growing technical workforce with confidence and transcend different sectors of the renewable energy field. Whether you choose to pursue a diploma or Associate in Applied Science degree, you’ll have the opportunity to participate in an internship. Gain exposure to real work experience that will prepare you for what to expect on the job.

Gain hands-on experience in our 50,000 square-foot Sustainable Energy Resources and Technology Center. In the 11-month diploma program, you’ll become familiar with construction, maintenance and wind turbine operation while learning the fundamentals in electrical, hydraulic and mechanical theory. In the second year, you’ll receive advanced training in power generation, siting, programmable logic systems, supervisory control and data acquisition.

Upon graduation, you’ll be ready for entry-level positions in the wind energy field and have the foundational industry skills needed to become a lead technician, site supervisor, operator or manager.

Careers

Wind Turbine Service Technician, Wind Energy Operations Manager, Senior Site Manager, Wind Energy Project Manager, Wind Energy Engineer, Blade Repair Technician, Manufacturing Maintenance Mechanic

Program Details

Enrollment Date: Fall Term

Program Length: 3 or 5 Terms

Degree: Diploma (43 credits) or Associate in Applied Science (73 credits)

Campus: Estherville

Curriculum

First Year – Fall Term (19.00 credits)

- COM 753 - Technical Communications (3.00)
- ELE 119 - Basic Electricity I (4.00)
- MAT 743 - Technical Math (3.00)
- SER 116 - Career Seminar (1.00)
- WTT 104 - Introduction to Wind Energy (4.00)
- WTT 156 - Field Training I (4.00)

First Year – Spring Term (17.00 credits)

- EGT 146 - Hydraulics (3.00)
- ELE 136 - Basic Electricity II (4.00)
- ELE 195 - Motor Control (3.00)
- SER 101 - Energy, Sustainability & the Environment (3.00)
- WTT 136 - Field Training II (4.00)

First Year – Summer Term (4.00 credits)

- WTT 934 - Wind Energy & Turbine Tech. Internship II (4.00) or WTT 946 - Wind Energy & Turbine Tech. Internship I (6.00)

Second Year – Fall Term (15.00 credits)

- ELE 226 - Electric Motors and Generators (4.00)
- ELE 254 - Electrical Maintenance and Safety (2.00)
- ELT 309 - Digital Circuits and Systems (3.00)
- ELE 752 - Intro to Industrial Instrumentation (3.00)
- WTT 216 - Power Generation and Transmission (3.00)

Second Year – Spring Term (18.00 credits)

- BUS 161 - Human Relations (3.00) or PSY 111 - Introduction to Psychology (3.00) or SOC 110 - Introduction to Sociology (3.00)
- ELE 242 - Programmable Logic Control Systems (4.00)
- ELT 495 - Industrial Networking and Data Acquisition (4.00)
- MGT 101 - Principles of Management (3.00)
- WTT 204 - Wind Turbine Siting (4.00)
Students with Disabilities

Accommodations are available to eligible students with a diagnosed learning disability, mental disability or physical disability. In order to receive disability-related accommodations and/or services from Iowa Lakes Community College, students are required to submit documentation of disability to verify eligibility under the Americans with Disabilities Act, the ADA Amendments Act (ADA AA), Section 504 of the Rehabilitation Act of 1973, and Iowa Lakes Community College Accommodations/Disability Services. Assistance may include test readers, tutoring, quiet testing area, and other educational related assistance. Individuals with a disability should contact Jody Condon toll-free at 1-800-242-5108 ext. 5219.

Library Services

ONLINE LIBRARY CATALOG
Access to the Iowa Lakes Community College online library catalog is http://librarycatalog.iowalakes.edu/or through the library webpage. The online catalog includes books from the Estherville and Emmetsburg College Libraries and the Emmetsburg Public Library.

ONLINE LIBRARY RESOURCES
The College Library provides many online resources that allow access to magazines, journals, newspapers, reports and educational videos. They are available online on all college computers at www.iowalakes.edu/library. Off-campus access is available with a username and password which can be obtained at the College Libraries.

DOWNLOAD AUDIO AND EBOOKS
Your library never closes. Browse, check out and download digital media using your Iowa Lakes Library barcode number. This collection is available anytime, anywhere from wilbor.lib.overdrive.com.

TRIO Programs

Iowa Lakes Community College is proud to host three federally funded TRIO programs. These programs are designed to provide the skills and motivation necessary for success in higher education.

TRIO-SSS
TRIO-SSS is a Student Support Services program that offers academic support and encourages successful completion of coursework at Iowa Lakes and transfer to four-year institutions. Services provided include four-year college visits, transfer and academic counseling, cultural enrichment activities, open study labs, mentoring, and scholarship opportunities. TRIO-SSS is a federally funded TRIO program that serves 200 college students. To qualify for this program, you need to meet just one of three criteria: parents did not complete a four-year degree, federal income guidelines, or have a documented disability. For more information, please call 1-800-242-5108 ext. S301.

TRIO TALENT SEARCH
Talent Search is a federally funded TRIO program which serves 778 students from sixth grade to twelfth grade. Students qualify for the program if neither parent has graduated from a four-year college/university or by meeting federal income guidelines. Talent Search provides support and guidance to students to ensure success in high school as well as PSE enrollment and graduation. Activities include campus visits, cultural and career exploration, workshops on leadership, self-esteem, financial aid, and scholarships. All services are free to qualified students. For more information, please call 1-800-242-5108 ext. S213.

Special Support Services Programs

There are several unique programs offered at Iowa Lakes Community College designed to assist students. These include the following:

STUDENT ALTERNATIVE VOCATIONAL EDUCATION (SAVE) PROGRAM
SAVE is a secondary vocational preparatory program for students on a current Individualized Education Plan (IEP). The purpose of the SAVE program is to provide employability and independent life skills training which allow students to enter the competitive work force.
Alternative Delivery Systems & Continuing Education

eCollege
Iowa Lakes is a part of the Iowa Community College Online Consortium along with seven other Iowa community colleges. They partner to offer a fully accredited Associate degree online that can lead to a baccalaureate degree at a four-year college or university.

All courses are taught entirely online and delivered using features such as: audio, video, testing, gradebook, and collaborative work environments including threaded discussion groups, real-time chats, PowerPoint presentations, document sharing and webliographies.

Online courses give you flexibility in academically sound learning opportunities. If you have questions about the consortium or the courses, contact us at 1-800-242-5106 or visit the web sites at www.iowacconline.org or www.iowalakes.edu.

Online Education to Go
Iowa Lakes offers online non-credit courses with various start dates. Course offerings range in topic interest such as computer, business management, medical coding, and personal enrichment. For more information, contact 1-800-252-5664, 712-362-7231 or visit the web site at www.ed2go.com/iowalakes.

Independent Study
Several self-taught independent study courses are available through the Iowa Lakes Success/Advising Centers.

Short Term Vocational Training
Certification courses are available through continuing education, some are offered for college credit as well.

- Certified Nurse Assistant (75 hours, 3 semester credits)
- Emergency Medical Technician (EMT – 150 hours)
- Emergency Medical Responder (EMR – 60 hours)
- First Responder (52 hours)
- Home Care Aide (13 hours) Prerequisite: CNA course
- Medication Aide (60 hours, 2 semester credits)
- Professional Dog Grooming
- Rehabilitation Assistant (60 hours, 3 semester credits)

To learn more, visit iowalakes.edu/ce.

English as a Second Language (ESL)
ESL classes are for adult learners in the Iowa Lakes five county area. Classes take place at the Algona, Estherville, and Spencer Campuses. Additional classes may be offered throughout the year at alternate locations. A computer program is available at each campus location for independent study as well. The emphasis of this program is for students to improve English Language Skills for daily living, for better understanding on the job, and to advance to the High School Equivalency Diploma Program if a high school diploma is needed. ESL classes are FREE and available to any person who wants to improve their English speaking, reading and writing skills.

High School Equivalency Diploma Program (HSED)
Getting your HSED involves successful completion of five tests in Writing, Reading, Math, Science, and Social Studies through the HiSET Testing Service. Students must complete required testing and classes prior to attempting to take their Official HiSET Tests for their equivalency diploma. Requirements include but are not limited to: Pre and Post-testing assessments and attendance in direct instruction classes (8-week classes, one week orientations, and Essential Education – our online option). Testing centers are located at the Emmetsburg, Estherville, and Spencer Campuses. Classes and instruction are FREE to all Adult Education students except Official HiSET Tests. The full battery of HiSET tests with transcript fee is $68.75.

Computer Training
Computer courses are offered at all Iowa Lakes sites through Continuing Education. Course are available daytime, evenings and weekends for a wide variety of topics utilizing up-to-date software and hardware.

Contract Training
Courses designed and customized for specific businesses and industries can be provided in-plant or in an Iowa Lakes classroom, on a schedule convenient to the business or employees. Examples of training include computers, quality control programs, and specific job-related skills.

Relicensure Courses
Workshops and courses designed to fill the requirements for maintaining your license are offered for many occupational groups.
| **ADMISSIONS OFFICE**  
Annie Kalous, Director  
800–346–6018 ext. 5254 |
| **EMMETSBURG CAMPUS**  
Brandon DeClercq, Enrollment Coach  
800–346–6018 ext. 5522 |
| **Kaden Huntrods, Enrollment Coach**  
800–346–6018 ext. 5209 |
| **Mary Anderson, Admissions Specialist**  
800–346–6018 ext. 5212 |
| **ESTHERVILLE CAMPUS**  
Corey Meyer, Enrollment Coach  
800–521–5054 ext. 7919 |
| **Danny Acosta, Enrollment Coach**  
800–521–5054 ext. 7968 |
| **Jarvis Weber, Enrollment Coach**  
800–521–5054 ext. 7988 |
| **Madison Bolin, Admissions Specialist**  
800–521–5054 ext. 7945 |
| **CAMPUS ADMINISTRATORS**  
Julie Williams, Executive Dean of Students  
Estherville, 800–242–5108 ext. 7912  
Emmetsburg, 800–346–6018 ext. 7912 |
| **Tom Brotherton, Executive Dean**  
Emmetsburg, 800–242–5108 ext. 5223 |
| **Scott Stokes, Executive Dean**  
Estherville, 800–242–5106 ext. 7913 |
| **Mary Faber, Director, Spencer & Spirit Lake**  
877–807–9585 ext. 8628 |
| **Theresa Waechter, Supervisor**  
Algona, 877–807–9583, ext. 8525 |
| **Theresa Umscheid, Director of Iowa Community College Online Consortium (ICCOC)**  
800–242–5106 ext. 7948 |
| **FINANCIAL AID OFFICE**  
Steve Pelzer, Director  
Emmetsburg, 800–242–5108 ext. 7917  
Estherville, 800–242–5106 ext. 7917 |
| **Dianne Hough, Specialist**  
Emmetsburg, 800–242–5108 ext. 5267 |
| **Gina Marquez, Office Associate**  
Emmetsburg, 800–242–5106 ext. 5276 |
| **Deb Weston, Office Associate**  
Estherville, 800–242–5106 ext. 7920 |
| **EDUCATIONAL COUNSELING/ACCOMMODATIONS**  
**Jody Condon**, Counselor/Accommodations  
Emmetsburg, 800–242–5108 ext. 5219 |
| **Kevin Range**, Counselor  
Estherville, 800–242–5106 ext. 7990 |
| **Jacque Carstens**, Counselor  
Spencer, 877–807–9585 ext. 8627 |
| **HOUSING**  
**Jeremy Ward**, Housing Manager  
Emmetsburg, 800–242–5108 ext. 5210 |
| **Bill Lapczenski**, Director  
Emmetsburg, 800–242–5108 ext. 5207 |
| **Jason McKinney**, Housing Manager  
Estherville, 800–242–5106 ext. 7916 |
| **Troy Larson**, Director  
Estherville, 800–242–5106 ext. 7915 |
| **Blake Viedenkamp**, Housing Manager  
Spencer, 877–807–9585 ext. 8652 |
| **DINING SERVICES**  
**Steve Olerich**, Supervisor  
Emmetsburg, 800–242–5108 ext. 5271 |
| **Margaret Gebel**, Supervisor  
Estherville, 800–242–5106 ext. 7909 |
| **STUDENT LIFE & ATHLETICS**  
**Bill Lapczenski**, Director, Auxiliary Services/Student Senate Advisor  
Emmetsburg, 800–242–5108 ext. 5207 |
| **Troy Larson**, Athletic Director  
Estherville, 800–242–5106 ext. 7915 |
| **Katie Larson**, Student Senate Advisor  
Estherville, 800–242–5106 ext. 8598 |
| **Blake Viedenkamp**, Student Senate Advisor  
Spencer, 877–807–9585 ext. 8652 |
| **VETERANS AFFAIRS**  
**Tim Ireland**, Emmetsburg, 800–242–5108 ext. 5284 |
| **LIBRARIES**  
Emmetsburg, 800–242–5108 ext. 7985  
Estherville, 800–242–5106 ext. 5317 |
| **CARERE PLANNING SERVICES**  
**Tim Ireland**, Coordinator  
Emmetsburg, 800–242–5108 ext. 5284 |
| **SUCCESS CENTERS**  
**Laurie Schmidt**, Professor  
Emmetsburg, 800–242–5108 ext. 5275 |
| **Molly Struve**, Assistant Professor  
Estherville, 800–242–5106 ext. 7935 |
| **Lynd Jenson**, Instructional Assistant  
Algona, 877–807–9583 ext. 8521 |
| **Dennis McDonald**, Instructional Assistant  
Spirit Lake, 1–877–807–9584 ext. 6564 |
| **Katherine Pearce**, Instructional Assistant  
Spencer, 1–877–807–9585, ext. 8641 |
| **RECORDS/REGISTRAR’S OFFICE**  
**Barb Grandstaff**, Registrar  
Estherville, 800–242–5106 ext. 7923 |
| **Amber Bates**, Office Associate  
Estherville, 800–242–5106 ext. 7922 |
| **Darci Curry**, Records Coordinator  
Emmetsburg, 800–242–5108 ext. 5265 |
| **CAMPUS STORE**  
**Susan Pietz**, Campus Store Coordinator  
Emmetsburg, 800–242–5108 ext. 5251  
Estherville, 800–242–5106 ext. 6840 |
| **TRIO-SSS**  
**Trudy Ahrens**, Director  
Emmetsburg, 800–242–5108 ext. 5302  
Estherville, 800–242–5106 ext. 5302 |
| **VOCATIONAL REHABILITATION**  
**Molly Giddings**, Coordinator  
Emmetsburg, 800–242–5108 ext. 7921  
Estherville, 800–242–5106 ext. 7921 |
| **COMPLETION SPECIALIST**  
**Cody Alesch**, Completion Specialist  
Estherville, 800–242–5106, ext. 7930 |
| **SCHOLARSHIPS**  
**Alison Mason**, Institutional Advancement Manager  
Estherville, 712–362–0491 |

*Information presented on this page is subject to change throughout the year. Please visit www.iowalakes.edu for the most up-to-date information.*
It is the policy of Iowa Lakes Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C §§ 1681 – 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Kathy Muller, Equity & Title IX Coordinator, 19 South 7th Street, Estherville, IA 51334, 712.362.0433, kmuller@iowalakes.edu, or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number 312/730–1560, fax 312/730–1576.