WE ARE
LAKE PR OUD
2019 - 2020
ADMISSIONS BULLETIN
iowalakes.edu
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!**

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**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.

**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.

**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.

**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!

**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.
REAL EXPERIENCE.
REAL LIFE.

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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. Priority awarding deadline: February 1, midnight, C.S.T.
2. Early–bird deadline: March 1, midnight, C.S.T.
3. Scholarship deadline: April 1, midnight, C.S.T.
4. 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>Catamaran 4-Plex, Emmetsburg</th>
<th>Ballaster West Dorm, Emmetsburg</th>
<th>Spinnaker East Dorm, Emmetsburg</th>
<th>4-Plex, Estherville</th>
<th>Laker I, Estherville</th>
<th>Laker II, Estherville*</th>
<th>4-Plex, Spencer** (10 meal plan)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-semester costs of on-campus housing</td>
<td>$6,340</td>
<td>$6,340</td>
<td>$6,340</td>
<td>$6,340</td>
<td>$6,340</td>
<td>$6,340</td>
<td>$5,770</td>
</tr>
<tr>
<td>15 Meal Plan</td>
<td>$6,860</td>
<td>$6,860</td>
<td>$6,860</td>
<td>$6,860</td>
<td>$6,860</td>
<td>$6,860</td>
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<tr>
<td>17 Meal Plan</td>
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</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.

### OFF CAMPUS MEAL PLANS:

<table>
<thead>
<tr>
<th>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
Full-time (16 credit hours) per semester:
- Tuition: $2,928.00
- General Fee: 160.00
- Technology Fee: 60.00
- Base Fee: 10.00
- Activity Fee: 36.00
*TOTAL: $3,294.00

Part-time costs per semester hour:
- Tuition: $183.00
- General Fee: 0.00
- Technology Fee: 10.00
- Activity Fee: 2.25
*TOTAL: $205.25

Minnesota Residents
Full-time (16 credit hours) costs per semester:
- Tuition: $3,008.00
- General Fee: 160.00
- Technology Fee: 160.00
- Base Fee: 10.00
- Activity Fee: 36.00
*TOTAL: $3,374.00

Part-time costs per semester:
- Tuition: $188.00
- General Fee: 10.00
- Technology Fee: 10.00
- Activity Fee: 2.25
*TOTAL: $210.25

Out-of-state & International Residents
Full-time (16 credit hours) costs per semester:
- Tuition: $3,104.00
- General Fee: 160.00
- Technology Fee: 160.00
- Base Fee: 10.00
- Activity Fee: 36.00
*TOTAL: $3,470.00

Part-time costs per semester:
- Tuition: $194.00
- General Fee: 10.00
- Technology Fee: 10.00
- Activity Fee: 2.25
*TOTAL: $216.25

Estimated Yearly Costs

Iowa Residents or Veterans/Active Military
(2 Semesters – 16 Credit Hours/Semester)
- Tuition: $6,588.00
- Books & supplies: 1,384.00
- Room & board: 6,340.00
*TOTAL: $14,312.00

Minnesota Residents
- Tuition: $6,748.00
- Books & supplies: 1,384.00
- Room & board: 6,340.00
*TOTAL: $14,472.00

Out-of-state & International Residents
- Tuition: $6,940.00
- Books & supplies: 1,384.00
- Room & board: 6,340.00
*TOTAL: $14,664.00

Potential miscellaneous/personal expenses: $3,182.00

Estimated Online Tuition

Online In or Out-of-State
Full-time (16 credit hours) per semester:
- Tuition: $3,024.00
*TOTAL: $3,024.00

Online In or Out-of-State & International Residents
Part-time cost per semester hour:
- Tuition: $189.00
*TOTAL: $189.00

Online In or Out-of-State
- Tuition & Fees: $6,048.00
- Books & Supplies: 1,384.00
*TOTAL: $7,432.00

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 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 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 Applied Science Degrees

Many of our diploma programs are dual-track with the option to enroll in a second year and earn an Associate in Applied Science degree. These programs allow you to gain additional skills and credits that apply to your transfer.
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

Transfer Majors... Coming Soon!

Iowa Lakes will soon offer Associate of Arts transfer majors for students who want to transfer to one of Iowa’s Regents universities (Iowa State University, the University of Northern Iowa or the University of Iowa). Become acquainted with the specific courses required by the institution you plan to transfer to, in order to ensure all requirements are met.
# AA Degree Requirements

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 will 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.

## Communications (10 credits)
- **ENG-105** Composition I .......................... 3
- **ENG-106** Composition II .......................... 3
- **SDV-103** Successful Learning .................... 1
- **SPC-101** Fund of Oral Communications or
  **SPC-112** Public Speaking .......................... 3

## Science (8 or more credits)
- **BIO-105** Introductory Biology .................... 4
- **BIO-112** General Biology I ......................... 4
- **BIO-113** General Biology II ......................... 4
- **BIO-141** Ecol & Env Concepts ..................... 4
- **BIO-163** Essent of Hm Anat & Phys ................. 4
- **BIO-168/173** Hm Anat & Phys I/II .................. 4
- **BIO-186** Microbiology .................................. 4
- **BIO-248** Introduction to Bioscience ................. 4
- **BIO-300** Field Biology & Lab .......................... 4
- **CHM-151** College Chemistry I ..................... 4
- **CHM-152** College Chemistry II .................... 4
- **CHM-166** General Chemistry I ...................... 5
- **CHM-176** General Chemistry II ..................... 5
- **CHM-190** Intro to Forensic Chemistry ............... 4
- **PHS-113** Intro to Physical Science ................. 4
- **PHS-166** Meteorology, Weather & Climate4     4
- **PHS-187** Intro to Earth Science .................... 4
- **PHY-162/172** College Physics I/II ................. 5
- **PHY-212/222** Classical Physics I/II ................. 5

## Mathematics (5 or more credits)
- **MAT-110** Math for Liberal Arts .................... 3
- **MAT-140** Finite Math .................................. 3
- **MAT-156/157** Statistics OR
  **BUS-211/212** Business Statistics ................. 4
- **MAT-120** College Algebra ............................. 3
- **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

(some transfer colleges have higher minimum requirements, such as MAT-127)

## Computers (5 credits)
- **CSC-110** Intro to Computers .......................... 3
- **BCA-212** Intro to Comp Apps in Business .......... 3
- **BCA-218** Adv Microsoft Office Apps .................. 3

## Social Science (9 credits from two or more areas)

### Area I
- **HIS-110/111** Western Civiliz * ..................... 3
- **HIS-285** Classical Heritage * ..................... 3

### Area II
- **HIS-151/152** U.S. History .......................... 3

### Area III
- **PSY-111** Intro to Psychology ....................... 3
- **PSY-121** Developmental Psych. ...................... 3
- **PSY-211** Psych. of Adjustment ....................... 3
- **PSY-241** Abnormal Psychology ....................... 3
- **PSY-251** Social Psychology .......................... 3

### Area IV
- **ECN-120** Prin of Macroeconomics .................. 3
- **ECN-130** Prin of Microeconomics .................. 3

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

### Area VI
- **POL-111** Amer. National Gov ...................... 3
- **POL-112** Amer. St. & Lcl.Gov ....................... 3

### Area VII
- **ANT-105** Cultural Anthropology .................... 3
- **GEO-121** Wrld Rgnl Geography ...................... 3
- **HIS-201** Iowa History ................................. 3
- **MMS-101** Mass Media * .............................. 3
- **POL-110** Intro to Political Sci ....................... 3
- **SOC-120** Marriage and Family ....................... 3
- **SOC-186** Cont. Global Issues * ....................... 3
- **SOC-200** Minority Group Rltns ....................... 3

## Humanities (9 credits from two or more areas)

### Area I
- **DRA-101** Intro to Theatre ............................ 3
- **EDU-235** Children's Literature ...................... 3
- **LIT-101** Intro to Literature .......................... 3
- **LIT-110/111** American Lit .......................... 3
- **LIT-124** American Poetry ............................ 3
- **LIT-150/151** World Lit. I/II ......................... 3
- **LIT-161** The Short Story ............................. 3
- **LIT-184** Young Adult Literature ..................... 3

### Area II
- **MUS-100** Music Appreciation .......................... 3
- **MUS-202** World Music .................................. 3
- **MUS-203** History of American Music ................. 3
- **MUS-205** Jazz History & Appr ....................... 3

## Area III
- **ART-101** Art Appreciation ......................... 3
- **ART-206** Art History ................................. 3

## Area IV
- **HIS-285** Classical Heritage * ..................... 3
- **PHI-101** Intro to Philosophy .......................... 3
- **PHI-105** Introduction to Ethics ....................... 3
- **PHI-114** Critical Thinking ............................ 3
- **PHI-128** Philosophy of Religion ..................... 3
- **PHI-903** History of Philosophy ....................... 3
- **REL-101** Survey of World Religions .................. 3

## PLUS ELECTIVES TO TOTAL 64 Term CREDITS: may include up to 16 vocational/technical credits; do not include developmental courses or special needs courses.

### Area I
- **ART-101** Art Appreciation ............................ 3
- **ART-206** Art History ................................. 3

### Area IV
- **HIS-285** Classical Heritage * ..................... 3
- **MMS-101** Mass Media * .............................. 3
- **SOC-186** Cont. Global Issues * ....................... 3

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

## Total Credit Hours

*64 credit hours are required to graduate*

- **Communications** .............................................
- **Science** .....................................................
- **Mathematics** ............................................... 3
- **Computers** .................................................. 3
- **Social Sciences** .............................................
- **Humanities** ................................................ 3
- **Electives** .....................................................
- **Total** ......................................................... 64
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.

**ASSOCIATE IN APPLIED SCIENCE (A.A.S.) Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Online Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Specialist</td>
<td>100%</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td></td>
</tr>
<tr>
<td>Agribusiness Technology</td>
<td></td>
</tr>
<tr>
<td>Agriculture Production Technology</td>
<td></td>
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<td>Auto Collision &amp; Paint Repair Technology</td>
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<td>Aviation/Airport Management</td>
<td></td>
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<tr>
<td>Boat &amp; Watercraft Technician</td>
<td></td>
</tr>
<tr>
<td>Business Administration &amp; Management</td>
<td>100%</td>
</tr>
<tr>
<td>Computer Programming</td>
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<td>Construction Technology</td>
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<tr>
<td>Early Childhood Education</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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<tr>
<td>Farm Equipment &amp; Diesel Technology</td>
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<tr>
<td>Game Design &amp; Development</td>
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<tr>
<td>Graphic Design</td>
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<tr>
<td>Heating, Ventilation &amp; Air Conditioning Technology</td>
<td></td>
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<tr>
<td>Hotel &amp; Restaurant Management</td>
<td></td>
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<tr>
<td>Human Services/Disability Studies</td>
<td>100%</td>
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<tr>
<td>Nursing – Associate Degree (ADN)</td>
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<tr>
<td>Paralegal/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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<tr>
<td>Veterinary Technician</td>
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<td>Water Quality Technician</td>
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<tr>
<td>Web Development &amp; Design</td>
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<tr>
<td>Wind Energy &amp; Turbine Technology</td>
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</tbody>
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**DIPLOMA Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Online Availability</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>100%</td>
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<tr>
<td>Administrative Support Specialist</td>
<td>50%+</td>
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<tr>
<td>Auto Collision &amp; Paint Repair Technology</td>
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<tr>
<td>Business Specialist</td>
<td>100%</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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<tr>
<td>Hospitality Services</td>
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<tr>
<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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<tr>
<td>Nursing – Practical (PN)</td>
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<tr>
<td>Parts Sales &amp; Inventory Control</td>
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<tr>
<td>Photography Specialist</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>Surgical Technology</td>
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<tr>
<td>Water Quality Technician</td>
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<tr>
<td>Welding</td>
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<tr>
<td>Wind Energy &amp; Turbine Technology</td>
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</tbody>
</table>

**CERTIFICATE Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Online Availability</th>
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<tbody>
<tr>
<td>Certified Professional Bookkeeper</td>
<td>100%</td>
</tr>
<tr>
<td>Welding</td>
<td></td>
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</tbody>
</table>
ACCOUNTING SPECIALIST | BUSINESS

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.

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 – English 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 – English Composition II (3.00)

Second Year – Fall Term (15.00 credits)
ACC 231 – Intermediate Accounting I (4.00)
ACC 221 – Cost Accounting (3.00)
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 115 – 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)

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: 2 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
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

Faculty Contact

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

CURRICULUM

First Year – Fall Term (16.00 credits)
ACC 131 – Principles of Accounting I (4.00) or ACC 111 – Introduction to Accounting (3.00)
ADM 116 – Keyboarding II (3.00)
ADM 152 – Business Math and Calculators (2.00)
ADM 254 – Business Professionalism I (1.00)
CSC 110 – Introduction to Computers (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00)

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 – English Composition I (3.00)
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 554 – Business Professionalism IV (1.00)
ADM 941 – Practicum (5.00)
MAT 110 – Math for Liberal Arts (3.00)
Science (4.00)
Social Science (3.00)
Science (4.00)
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 available 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.

CURRICULUM

Fall Term (22.00 credits)
- ACC 111 – Introduction to Accounting (3.00)
- ADM 116 – Keyboarding II (3.00)
- ADM 152 – Business Math and Calculators (2.00)
- ADM 254 – Business Professionalism (1.00)
- ADM 956 – Occupational Experience (5.00)
- 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 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)

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

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.

CURRICULUM

First Year - Fall Term (17.00 credits)
AGA 154 - Fundamentals of Soil Science (3.00)
AGC 103 - Ag Computers (3.00)
AGC 111 - Basic First Aide and Life Support (1.00)
AGC 936 - Occupational Experience (3.00)
AGS 114 - Survey of the Animal Industry (2.00)
AGA, AGC, AGS, choose from (2.00)
BUS 161 - Human Relations (5.00)

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 - English Composition I (3.00)

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)
AGA, AGC, AGS choose from (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 (3.00)
AGA 352 - Soil Science and Fertilizer (2.00)
AGB 194 - Beginning Sales (2.00)
AGB 327 – Principles of Farm Business Management (2.00)
AGB 436 - Grain Merchandising (2.00)
AGC 958 - Occupational Experience III (3.00)
AGM 102 - Farm Equipment Maintenance (1.00) or AGB 242 – Precision Agriculture Applications (2.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

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

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 Contact
Stacey Geerdes
sgeerdes@iowalakes.edu | 712-852-5232
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 Ultra–sound, 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 956 – Occupational Experience (3.00)
AGC 105 – Ag Computers (3.00)
AGS 115 – Survey of the Animal Industry (3.00)
AGA, AGB, AGC, AGS choose from (2.00)
BUS 161 – Human Relations (3.00)

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

First Year – Summer Term (12.00 credits)
AGB 437 – Commodity Marketing (5.00)
AGC 317 – Agricultural Field Studies (1.00)
MAT 772 – Applied Math or MAT 110 – Math for Liberal Arts (3.00)
AGA, AGB, AGC, AGS choose (5.00)

Second Year – Fall Term (17.00 credits)
ACC 111 – Introduction to Accounting (3.00)
AGB 281 – Computerized Agriculture Accounting (1.00)
AGB 527 – Principles of Farm Business Mngt (2.00)
AGC 958 – Occupational Experience III (5.00)
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 – English Composition I (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00)
AGA,AGB,AGC,AGS choose from (1.00)

Second Year – Spring Term (15.00 credits)
AGB 466 – Agricultural Finance (5.00)
AGC 210 – Employment Seminar (1.00)
AGA, AGB, AGC, AGS choose from (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
Auto Collision & Paint Repair Technology

About

Learn a unique skill-set that’s needed anywhere in the world with our dual-track Auto Collision and Paint Repair Technology program. Gain hands-on auto and paint repair experience working in a modern, high-tech lab at the Emmetsburg campus and through student internship opportunities.

Become competent in skills such as welding, unibody repair, plastic repair, panel bonding, glass replacement and vehicle detailing. In the first semester, you’ll work on a number of door panels, then move on to real customer projects, doing metal, plastic or aluminum repairs on vehicles. You’ll also gain practical experience in writing estimates and repairing damaged vehicles using crash estimate guides and estimate forms.

Learn to mix paint with the facility’s PPG Paint Mixing System, which more than 70 percent of area auto body shops use in their daily operations. Using PPG products gives you experience with industry materials as they develop professional techniques in spray painting, tinting and blending paint and other modern refinishing strategies.

In just one year, you’ll earn your diploma and be ready to work as an entry-level technician. If you dream of running your own shop or you simply want to have more career options available, enroll in the two-year program to earn an Associate in Applied Science (AAS) degree. In the second year, you’ll learn necessary business skills in courses such as accounting, business management and communications.

Curriculum

First Year – Fall Term (21.00 credits)
- BUS 161 – Human Relations (3.00)
- CRR 203 – Plastic Repair Theory (2.00)
- CRR 302 – Introduction to Collision Repair (2.00)
- CRR 526 – Sheet Metal Repair Theory (3.00)
- CRR 327 – Sheet Metal Repair Lab (2.00)
- CRR 551 – Collision Lab (2.00)
- CRR 421 – Non-Structural Repair Theory (3.00)
- CRR 422 – Non-Structural Repair Lab (2.00)
- WEL 334 – Trade and Industry Welding (2.00)

First Year – Spring Term (16.00 credits)
- COM 725 – Workplace Comm Ess (2.00)
- CRR 742 – Estimating Theory (2.00)
- CRR 749 – Estimating Lab (1.00)
- CRR 808 – Introduction to Refinishing Theory (1.00)
- CRR 809 – Introduction to Refinishing Lab (3.00)
- CRR 838 – Refinishing II Theory (2.00)
- CRR 839 – Refinishing II Lab (5.00)
- CRR 908 – Cooperative Education (2.00)

First Year – Summer Term (12.00 credits)
- CRR 352 – Collision Repair Lab II (2.00)
- CRR 540 – Structural Repair Theory (3.00)
- CRR 541 – Structural Repair Lab (2.00)
- CRR 606 – Mechanical Repairs Theory (2.00)
- CRR 607 – Mechanical Repairs Lab (1.00)
- MAT 770 – Applied Math (2.00)

Second Year – Fall Term (15.00 credits)
- ACC 111 – Introduction to Accounting (3.00) or ACC 131 – Principles of Accounting (4.00)
- Choose from:
  - BUS 126 – Business Principles (3.00), MGT 101 – Principles of Management (5.00) or BUS 183 – Business Law (3.00) or MKT 110 – Principles of Marketing (5.00)
- CSC 110 – Introduction to Computers (5.00)
- ENG 105 – Composition I (5.00)
- MKT 110 – Principles of Marketing (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

Second Year – Spring Term (12.00 credits)
- Restricted Electives (12.00)

Careers

- Automotive Engineering, Technician, Maintenance Repair Worker, Automotive Service Department, Self-Employment

Program Details

- Enrollment Date: Fall & Spring Term
- Program Length: 3 or 5 Terms
- Degree: Diploma (48 credits) or Associate in Applied Science (76 credits)
- Campus: Emmetsburg

Faculty Contact

Rob Schultz
rschultz@iolalakes.edu | 712-852-5236
AUTOMOTIVE TECHNOLOGY  |  INDUSTRIAL TECHNOLOGY

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 is certified as a Master Auto Repair program with NATEF, and also 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

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 (5.00)
MAT 772 – Applied Math (5.00)
WEL 334 – 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 (5.00)
AUT 313 – Auto Manual Drive Train and Axles Lab (5.00)
BUS 151 – Human Relations (3.00)
Business related course: choose from ACC-111, BCA-212, BUS-150, or CSC-110 (5.00)

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 126 – Business Principles (3.00)

Faculty Contact

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

Jason Jacobson
jjacobson@iowalakes.edu
712-852-5348
Are you looking for a thrilling career with plenty of variety? Then our Aviation and Airport Management program may be a great fit for you. Whether you choose to work as a flight instructor, corporate pilot, airport manager, aviation salesperson or airline pilot, you’ll establish the skills, knowledge and credentials needed to succeed right here at Iowa Lakes.

As the first college in the nation to secure a Cirrus SR20 airplane for student education, we pride ourselves on being able to deliver hands-on training for our aviation students. In our program, you’ll gain on-the-job experience and learn the skills you need to obtain a private and commercial pilot license. Upon completion of the program, you’ll also be able to earn an instrument rating, certified flight instructor rating, instrument light instructor rating or a multi-engine rating.

With a demand for pilots on the rise, there is a substantial need for new pilots to enter the workforce each year. Whether you choose to seek employment upon graduation or transfer to a four-year college, you’ll be preparing for a career field that is only expected to grow.

**ESTIMATED FLIGHT FEES**†

**Freshmen:**
- Fall semester AVI-180 $6,275.00
- Total $21,875.00 *

**Sophomores:**
- Fall semester AVI-246 $8,570.00
- Spring semester AVI-350 $2,775.00
- Total $18,245.00 *

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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.
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 training through the on-the-job training segment of our program, which is industry supported by leading industry brands such as Arctic Cat, BRP, Mercury, Polaris, Snap-On, 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 establish 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.

CURRICULUM

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 – Fund of Electricity Theory and Lab (5.00)
MSE 154 – Intro to Power Generators (1.00)
MSE 164 – Marine Engine 2 & 4-Stroke Theory (2.00)
MSE 165 – Marine Engine 2 & 4-Stroke Theory L (2.00)
MSE 175 – Marine Fuel Sys Theory and Lab (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 Sys Theory/ Lab (4.00)

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

Option I: Advanced Business Management
Second Year – Fall Term (18.00 credits)
ACC 111 – Introduction to Accounting (3.00)
MSE 150 – Shop Management (5.00)
MSE 252 – Marine Advanced Drivability (3.00)
Instructor approved electives (9.00)

Second Year – Fall Term (18.00 credits)
MSE 150 – Shop Management (5.00)
MSE 252 – Marine Advanced Drivability (3.00)
MSE 275 – Marine Advanced Fuel Systems (5.00)
MSE 286 – Marine Advanced Electrical (3.00)
Instructor approved electives (6.00)

Second Year – Spring Term (15.00 credits)
Concentration Electives — (15.00)

Careers
Marinas, National Marine Corporations, Marine Manufacturers, Snowmobile Manufacturer/Dealer Personal, 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

Faculty Contact
Rick Brichta
rbrichta@iowalakes.edu | 712-852-5202
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.

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

Faculty 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 – English 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 – English Composition II (3.00)

Second Year – Fall Term (15.00 credits)
BUS 183 – Business Law (3.00)
ECN 120 – Macroeconomics (3.00)
Business Electives (6.00)
Humanities (3.00)

Second Year – Spring Term (18.00 credits)
BCC 218 – Adv Microsoft Office Applications (3.00)
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)
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.

CURRICULUM

Fall Term (17.00 credits)
ACC 111 – Introduction to Accounting (3.00)
ADM 116 – Keyboarding II (3.00)
ADM 132 – 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 310 – Computer Accounting (2.00) or ACC 311 – Computer Accounting (3.00)
ADM 254 – Business Professionalism (1.00)
BUS 160 – Human Relations (2.00)
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 (3.00)

Careers
Office Assistant, Administrative Assistant, Receptionist, Collections Specialist

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

Faculty Contact
Deb Jones
djones@iowalakes.edu | 712-852-5241
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 gold for your resume, helping you stand out in the job market and secure a position as a bookkeeper.

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

**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)
# Computer Programming

## About

Learn a valuable skill-set 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

**Careers**


### Enrollment Date

Any Term

### Program Length

4 Terms plus practicum

### Degree

Associate in Applied Science (69 credits)

### Campus

Estherville

## Curriculum

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

- CIS 125 – Intro to Programming Logic w/Lang (3.00)
- CIS 352 – Database Information Systems (3.00)
- GRA 254 – Dreamweaver Level I (3.00)
- NET 122 – Computer Hardware Basics (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

### First Year – Spring Term (16.00 credits)

- CIS 141 – Computer Science (3.00)
- CIS 204 – Web Programming I (3.00)
- ENG 105 – English Composition I (3.00)
- NET 140 – Networking Essentials (4.00)
- MAT 140 – Finite Math (5.00) or MAT 127 (5.00)

### Second Year – Fall Term (17.00 credits)

- CIS 161 – C++ Programming (3.00)
- MAT 157 – Statistics (4.00) or MAT 156 (3.00)
- Science (4.00)
- WDV 132 – Mobile App Dev (3.00)

### Second Year – Spring Term (16.00 credits)

- CIS 143 – Advanced Computer Science (4.00)
- CIS 171 – Java Programming (3.00)
- CSC 110 – Intro to Computers (3.00)
- Humanities (3.00)
- Social Science (3.00) or BUS 161 (3.00)

### Second Year – Summer Term (5.00 credits)

- CIS 941 – Computer Science Practicum (5.00)

## Faculty Contact

Scott Stokes

Email: sstokes@iowalakes.edu

Phone: 712-362-7913
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 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 (AAS) 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.

Faculty Contact

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

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

CURRICULUM

First Year – Fall Term (18.00 credits)
CON 113 – Construction Printreading (2.00)
CON 195 – Foundations and Concrete (5.00)
CON 201 – Framing Techniques and Lab I (2.00)
CON 218 – Framing Techniques and Lab II (4.00)
CON 300 – Optimum Value Engr.–Adv. Framing (1.00)
CON 217 – Exterior Finishing (5.00)
HSC 154 – First Aid/CPR (1.00)

First Year – Spring Term (18.00 credits)
BUS 161 – Human Relations (3.00)
COM 725 – Workplace Com Essentials (2.00) or ENG 105 – English 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)
CON 932 – Construction Internship II (5.00)
SPC 101 – Fund of Oral Communication (3.00)
Business or Construction electives: (9.00)

Second Year – Spring Term (15.00 credits)
ACC 111 – Introduction to Accounting (5.00)
CON 351 – Computer Gen Blueprint and Design (3.00)
CSC 110 – Introduction to Computers (3.00)
Business or Construction electives: (6.00)
Criminal Justice

About

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, transfer to a four-year college or brush up your skills as a trained professional, our Criminal Justice program will set you on the right path.

Through field experience and simulation labs, you’ll gain real-on-the-job training and exposure to be fully prepared for a career in criminal justice. Take advantage of specialized training offered in your field through seminars and independent study. If you’re currently employed in law enforcement, you may choose to enhance your education with in-service training courses specially designed for you to complete your academic training.

Start your career in criminal justice with the skills and experience of a specialist. Whether you choose to work as a correctional officer, police officer, security guard or loss prevention specialist, you’ll establish the foundational knowledge and experience needed 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.

Program Details

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

Careers

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

Curriculum

First Year – Fall Term (18.00 credits)
CRI 201 – Juvenile Delinquency (3.00)
CRI 100 – Introduction to Criminal Justice (3.00)
CRI 200 – Criminology (3.00)
ENG 105 – English Composition I (3.00)
PEH 225 – Healthy Lifestyles Management (3.00)
CI Concentration course (3.00): CRI 110 – Patrol Procedures (3.00) or CRI 120 – Introduction to Corrections (3.00) or CRI 156 – Correctional Law (3.00) or CRI 141 – Criminal Investigation (3.00) or CRI 170 – Overview of Cybercrime (3.00) or CRI 208 – Introduction to Private Security (3.00) or CRI 220 – Community-Based Corrections (3.00) or CRI 900 – CI with the Expert (1.00) or CRI 901 – CI in the Big City (1.00) or JOU 171 – Introduction to Photography (3.00)

First Year – Spring Term (15.00 credits)
CRI 214 – Survival Spanish for Criminal Justice (2.00)
CRI 218 – Field Experience I (2.00)
CSC 110 – Introduction to Computers (3.00)
MAT 110 – Math for Liberal Arts (3.00)
SPC 122 – Interpersonal Communication (3.00)
CRJ Concentration course (1.00)
PEA Elective (1.00)

First Year – Summer Term (3.00 credits)
CRJ 219 – Field Experience II (3.00)

Second Year – Fall Term (17.00 credits)
CRI 123 – Service Learning Project (1.00)
CRI 150 – Criminal Law (3.00) CRI 207 – Drug Use and Abuse (3.00)
CRI Concentration course (5.00)
PEA Elective (1.00)
Social Science (6.00)

Second Year – Spring Term (15.00 credits)
CRI 135 – Constitutional Criminal Procedure (3.00)
CRI 250 – Firearms (1.00)
CI Concentration Course (3.00)
Humanities (3.00)
PEA Elective (1.00)
Science (4.00)
Digital, Social & Broadcast Productions

About
Prepare for a career path with variety and options as the communications field continues to evolve with technology. The modern definition of media favors the jack-of-all-trades employees – workers will benefit from gaining skills in everything from webcast programming to social media strategies. Develop the communications, marketing and production skills needed to keep up with the new forms of media.

Receive hands-on training to learn production for radio and television as well as webcast programming and more traditional programming. Learn to implement social media to communicate globally. You’ll become familiar with using social media for a variety of communications purposes, including advertising, marketing, journalism, branding and public relations.

While preparing for a variety of careers available in the communications field, you’ll become competent in using social media networks as a strategy no matter what employer you take these skills to. Whether you choose to pursue broadcasting, graphics or even marketing and sales, our Digital, Social and Broadcast Productions program will equip you with the tools you need to excel in communications.

Program Details
Enrollment Date: Any Term
Program Length: 4 Terms plus internship
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

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

Curriculum
First Year – Fall Term (18.00 credits)
ENG 105 - English Composition (3.00)
GRA 140 - Digital Imaging (Photoshop) (3.00)
JORU 175 - Digital Photography (3.00)
JORU 190 – Foundations in Digital Media Marketing, Writing, and Community Engagement (3.00)
MMS 122 – Career Seminar (1.00)
MMS 129 - Digital Audio & Video Prod & Editing (3.00)
MMS 401 - Multimedia Projects I (2.00)

First Year – Spring Term (17.00 credits)
GRA 141 - Digital Imaging II (3.00) or MMS 234 - Radio Workshop (4.00) or MMS 225 – Advanced Television Production (3.00)
MAT 110 - Math for Liberal Arts (3.00)
MMS 101 - Mass Media (3.00)
MMS 136 - Writing for Digital Media (3.00)
MMS 402 - Multimedia Projects II (2.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

Second Year – Fall Term (17.00 credits)
ART 121 - 2-D Design (4.00)
GRA 234 - Dreamweaver Level I (3.00)
MKT 140 - Principles of Selling (3.00)
MMS 405 - Multimedia Projects II (2.00)
SMM 100 - Introduction to Social Media (3.00)
SMM 110 - Writing For The Web (2.00)

Second Year – Spring Term (17.00 credits)
BUS 161 - Human Relations (3.00)
GRA 235 - Dreamweaver Level II (3.00) or MMS 234 – Radio Workshop (4.00) or MMS 225 – Advanced Television Production (3.00)
MKT 110 - Principles of Marketing (3.00)
MMS 185 - Digital Media Law and Ethics (3.00)
MMS 404 - Multimedia Projects IV (2.00)
SMM 210 - Web Analytics (1.00)

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

DIGITAL, SOCIAL AND BROADCAST PRODUCTIONS | COMMUNICATION
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 mental, 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, child health and 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, education administrator, daycare provider or nanny, 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.

Faculty Contact
Melissa Regelstad
mregelstad@iowalakes.edu | 712-852-5289

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

C U R R I C U L U M
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 245 - Early Childhood Guidance (1.00)
ENG 105 - English 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 Prof (Early Education) (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)
ENG 106 - English Composition II (3.00)
Humanities (3.00)
Science (4.00)

Second Year – Spring Term (16.00 credits)
ECE 160 - Early Childhood Curriculum Planning (3.00)
ECE 210 - Early Childhood Professionals III (1.00)
ECE 290 - Early Childhood Program Admin (3.00)
ENG 106 - English Composition II (3.00)
Social Science (6.00)
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 apprentice electrician, in which you will be under the supervision of a Journeyman or Master Electrician. You’ll acquire 2,080 hours of on-the-job training right here at Iowa Lakes, contributing toward the typical 8,000 hours required by most states of an apprentice electrician 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 electronics sectors. 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.

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 Mathematics (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, and the Env (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 254 - Electrical Maintenance and Safety (2.00)
ELT 352 - Intro to Industrial Instrumentation (3.00)
HCR 415 - Controls for HVACR (3.00)
SER 117 - Estimating for Trades (1.00)
WTT 216 - Power Gen and 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)

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

Faculty Contact
Doug Zemler
dzemler@iowalakes.edu | 712-362-8376
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.

CURRICULUM

First Year – Fall Term (19.00 credits)
- CIS 125 - Intro to Programming Logic w/Lang (3.00)
- COM 753 – Technical Communications (3.00)
- EGT 114 – Intro to Engineering Technology (3.00)
- ELE 119 – Basic Electricity I (4.00)
- MAT 743 - Technical Mathematics (3.00)
- SER 114 – Blueprint Reading (1.00)
- SER 116 – Career Seminar (1.00)
- SER 124 – Industrial Safety and Workplace Env (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 (3.00)
- SER 101 – Energy, Sustainability and the Env (3.00)

First Year – Summer Term (4.00 credits)
- EGT 934 – 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)
- EGT 946 – Engineering Technology Internship I (6.00)
- EGT 934 – Engineering Technology Internship II (4.00)
- ELT 932 – Advanced PLC (3.00)
- ELT 932 – Introduction to Industrial Instrumentation (3.00)
- MFG 925 – Lean Manufacturing (1.00)

Second Year – Spring Term (18.00 credits)
- ATR 106 – Motion Control (5.00)
- ATR 253 – Robotic Programming (3.00)
- BUS 911 – Human Relations (3.00)
- CIS 141 – Computer Science (3.00)
- EGT 156 – Electrical Control of Fluid Power (2.00)
- ELT 945 – Industrial Networking & Data Acquisition (4.00)

Careers

Electrical Engineering Technician, Electronics Engineering Technologist, Industrial Engineering Technologist, Manufacturing Engineering Technologist, Industrial Machinery Mechanic, Industrial Engineering Technician, Electrical & Electronic Equipment Assembler, Civil Drafter, Electrical Drafter, Mechanical Drafter, Civil Engineering Technician, Electronics Engineering Technician, Machinist

Program Details

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

Faculty Contact

Chad Tischer
ctischer@iowalakes.edu  |  712-362-8366
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: 4 Terms plus practicum
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 – Prin. 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 (3.00)
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 (3.00) or CRJ 100 – Intro to Criminal Justice (3.00) or SER 101 – Energy, Sustainability & the Env. (3.00)
BUS 161 – Human Relations (3.00) or PSY 111 – Introduction to Psychology (5.00) or SOC 110 – Introduction to Sociology (5.00)
CHM 152 – College Chemistry II (4.00) or BIO 186 – Microbiology (4.00)
EVS 264 – Natural Resource Management Tech (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, that you'll be ready for it.

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 Aps (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 (4.0)
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 300 – Fundamentals of Electricity (5.00)
AGM 301 – Fundamentals of Electricity Lab (2.00)
AGM 302 – Electrical Components (2.00)
AGM 305 – 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.

CURRICULUM

First Year – Fall Term (16.00 credits)
- CIS 125 – Intro to Programming Logic w/Language (3.00)
- CIS 146 – Introduction to Video Game Development (3.00)
- CIS 352 – Database and SQL (3.00)
- MAT 157 – Statistics (4.00) or MAT 120 – College Algebra (3.00)
- NET 122 – Computer Hardware Basics (3.00)

First Year – Spring Term (18.00 credits)
- CIS 141 – Computer Science (3.00)
- CIS 204 – Introduction to Website Development (3.00)
- ENG 105 – English Composition I (3.00)
- MAT 140 – Finite Math (3.00)
- NET 142 – Networking Essentials (3.00)
- PSY 111 – Introduction to Psychology (3.00)

First Year – Summer Term (4.00 credits)
- CIS 941 – Computer Science Practicum (4.00)

Second Year – Fall Term (19.00 credits)
- CIS 147 – 3D Level Design for Games (3.00)
- CIS 166 – C++/C# for Game Developers (3.00)
- CIS 566 – Game Development I (3.00)
- ENG 106 – Composition II (3.00)
- PHI 114 – Critical Thinking (3.00)
- PHS 113 Intro to Physical Science (4.00) or PHY 162 - College Physics (4.00)

Second Year – Spring Term (12.00 credits)
- CIS 148 – 3D Modeling & Character Animation (3.00)
- CIS 567 – Game Development II (3.00)
- GRA 166 – Web Animations (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

Careers

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

Program Details

Enrollment Date: Fall Term
Program Length: 4 Terms plus
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

Faculty Contact

Kevin Grems
kgrems@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: 5 or 5 Term
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 (Illustrator) (3.00)
GRA 175 – Graphic Design Principles (5.00)
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 – English Composition I (3.00)
GRA 140 – Digital Imaging (Photoshop) (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 (1.00)
Instructor approved program elective (3.00)

Second Year – Spring Term (16.00 credits)
CIS 148 – 3-D Modeling & Animation (3.00)
GRA 141 – Digital Imaging II (3.00)
GRA 162 – Web Page Graphics (3.00)
Social Science: MMS 101 Mass Media (3.00)
Science: BIO 163 Essentials of A&P (4.00)

Faculty Contact

Mark Rosenberg
mrosenberg@iowalakes.edu | 712-362-7976
HEATING, VENTILATION, & AIR CONDITIONING TECHNOLOGY  |  INDUSTRIAL TECHNOLOGY

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.

CURRICULUM

First Year – Fall Term (16.00 credits)
ELE 119 - Basic Electricity I (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 – Indus Safety & Workplace Env (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 and the Env. (3.00)
Instructor approved business or related course (3.00)

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

Second Year – Fall Term (18.00 credits)
ELE 226 – Electric Motors and Generators (4.00)
HCR 205 – Air Conditioning Principles (3.00)
HCR 305 – Fundamentals of Refrigeration (5.00)
HCR 415 – Controls for HVAC (3.00)
HCR 444 – HVACR Systems I (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 Sys (3.00)
HCR 291 – Commercial Systems (3.00)
HCR 505 – Air Distribution (3.00)

Careers


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
Hotel and 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 health operations 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 a Unox combi oven, steam tables, grills, 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 chef, front office worker or hotel manager, you can rest assured there will be a need for you in the workplace.

Program Details

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

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

Facility Contacts

Jesse Grossnickle
jgrossnickle@iowalakes.edu
712-852-5256

Kerry Erickson
kerickson@iowalakes.edu
712-852-5355

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 Activities I (1.00)
- HSC 154 – First Aide/CPR (1.00)
- SPC 101 – Fund of Oral Communication (3.00)

First Year – Spring Term (20.00 credits)
- BUS 121 – Business Communications (3.00) or ENG 105 – English Composition (3.00)
- BUS 161 – Human Relations (3.00)
- HCM 141 – Food Production (5.00)
- HCM 229 – Nutrition for the Life Cycle (4.00)
- HCM 395 – Managing Front Office Oper./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 – H & R Club Activities III (1.00)
- HCM 939 – Work Experience 1 (3.00)

Second Year – Spring Term (18.00 credits)
- HCM 239 – Customer Service (2.00)
- HCM 310 – Hospitality Law (3.00)
- HCM 592 – Convention Management (3.00)
- HCM 602 – Intro to Food & Bar Operations (3.00)
- HCM 711 – H & R Club Activities IV (1.00)
- HCM 940 – Work Experience II (3.00)
- MKT 110 – Principles of Marketing (3.00)
About

Do you enjoy working with people and helping them reach their goals? Then a career in Human Services/Disabilities 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/Disabilities 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. 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: 4 Terms plus work experience
Degree: Associate in Applied Science (69 credits)
Campus: Estherville

Faculty Contact

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

CURRICULUM

First Year — Fall Term (14.00 credits)
DSV 125 - Behavior Management (3.00)
ENG 105 - English Composition I (3.00)
HSV 284 - Case Management (3.00) or DSV 135 - Assessment and Instruction (3.00)
SCS 101 - Basic Sign Language (2.00) or SDV 131 - Career Exploration (2.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

First Year — Spring Term (16.00 credits)
HSV 162 - Intro to Human Disabilities & Services (3.00)
HSV 225 - Counseling Techniques (3.00)
PSY 111 - Introduction to Psychology (3.00)
PSY 121 - Developmental Psychology (3.00) or PSY 241 - Abnormal Psychology (3.00)
Science (4.00)

First Year — Summer Term (6.00 credits)
DSV 932 - Internship Human Services & Disability Studies (6.00)
or DSV 941 - Practicum in Human Services and Disability Studies (3.00) and HSC 114 - Medical Terminology (3.00)

Second Year — Fall Term (17.00 credits)
CSC 110 - Introduction to Computers (3.00)
DSV 155 - Services and Vocational Planning (4.00)
MAT 110 - Math for Liberal Arts (5.00)
Humanities (4.00)
Social Science (5.00)

Second Year — Spring Term (16.00 credits)
HSV 140 - Social Work and Social Welfare (3.00)
PSY 121 - Developmental Psychology (3.00)
SOC 120 - Marriage and Family (3.00)
SOC 200 - Minority Group Relations (3.00)
Humanities (4.00)
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 high 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 increases your chances of being successful in the program and 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.

CURRICULUM

**Fall Term (14.00 credits)**
- BIO 163 - Essentials of Anatomy and Physiology (4.00)
- COM 725 – Workplace Communications (2.00)
- HSC 114 – Medical Terminology (3.00)
- MST 101 – Health and Wellness – MT (1.00)
- MST 103 – Intro to Swedish Massage (3.00)
- MST 152 – Chair Massage (1.00)

**Spring Term (17.00 credits)**
- MST 110 – Pathology for Massage Therapy (2.00)
- MST 113 – Kinesiology/Anatomy & Movement for Massage Therapy (3.00)
- MST 121 – Reflexology (1.00)
- MST 123 – Sports Massage (3.00)
- MST 158 – Spa Bodywork I (3.00)
- MST 141 – Geriatric Massage (1.00)
- MST 145 – Intermediate Massage (3.00)
- MST 149 – Pregnancy/Infant Massage (1.00)

**Summer Term (8.00 credits)**
- BUS 160 – Human Relations (2.00)
- MST 151 – Business – Massage Therapy (1.00)
- MST 153 – Deep Tissue Massage (3.00)
- MST 159 – Ethics – Massage Therapy (1.00)
- MST 810 – Massage Clinic (1.00)

Program Details

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

**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.

**Faculty Contact**

Elizabeth Larsen  
elarsen@iowalakes.edu | 712-580-8650
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 skillset. 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.

CURRICULUM

Fall Term (20.00 credits)
- BIO 168 – Human Anatomy & Physiology I (4.00)
- COM 725 – Workplace Comm Ess. (2.00) or ENG 105 – English Composition I (3.00)
- CSC 110 – Introduction to Computers (3.00)
- HSC 114 – Medical Terminology (3.00)
- MAP 111 – Medical Office Management I (3.00)
- MAP 342 – Clinical Assisting I (3.00)
- 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 342 – Clinical Assisting II (3.00)
- MAP 330 – Career Preparation Medical Assistants (1.00)
- MAP 343 – Clinical Assisting II (5.00)

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

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

Program Details
Enrollment Date: Fall Term
Program Length: 2 Terms plus practicum
Degree: Diploma (44 credits)
Campus: Spencer

Faculty Contact
Valerie Curry
vcurry@iowalakes.edu
712-580-8635
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 (6.00)
COM 725 – Workplace Comm Ess. (2.00) or ENG 105 – English 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 (6.00)
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
Valerie Curry
vcurry@iowalakes.edu | 712-580-8635
ASSOCIATE DEGREE NURSING | HEALTH

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.

Curriculum

Program Pre-requisites

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 151</td>
<td>Nutrition</td>
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<tr>
<td>BIO 168</td>
<td>Human Anatomy &amp; Physiology I</td>
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</tr>
<tr>
<td>HSC 172</td>
<td>Nurse Aide</td>
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<tr>
<td>PSY 121</td>
<td>Developmental Psychology</td>
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<td>PNN 105</td>
<td>Practical Nursing Concepts I</td>
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<td>PNN 135</td>
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<td>Practical Nursing Concepts II</td>
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<td>PNN 136</td>
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<td>PNN 107</td>
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<td>HSC 202</td>
<td>Health Informatics</td>
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<td>PSY 121</td>
<td>Developmental Psychology</td>
<td>3.00</td>
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<tr>
<td>COM 725</td>
<td>Workplace Communications</td>
<td>2.00</td>
</tr>
<tr>
<td>PNN 107</td>
<td>Practical Nursing Concepts III</td>
<td>6.00</td>
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</tbody>
</table>

Careers

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

Program Details

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

Faculty Contact

Tammy Shimon
tshimon@iowalakes.edu
712-852-5293
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’ll gain experience writing wills and drafting lawsuits.

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: 4 Terms plus work experience
Degree: Associate in Applied Science (70 credits)
Campus: Estherville, and 100% Online

CURRICULUM
First Year – Fall Term (16.00 credits)
CSC 110 - Introduction to Computers (3.00)
ENG 105 - English Composition I (3.00)
LGL 120 - Introduction to Law and Paralegal (2.00)
LGL 122 - Legal Ethics (2.00)
LGL 250 – Family Law (3.00) or LGL 230 – Criminal Law and Procedure (3.00)

First Year – Spring Term (17.00 credits)
ENG 106 - English 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)

First Year – Summer 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 (3.00)
Humanities (5.00)
Social Science (5.00)

Second Year – Fall 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 151 – Principles of Accounting I (4.00) or ACC 261 – Income Tax Accounting (3.00)
LGL 242 – Civil Procedure and Practice (3.00)
Science (4.00)
Social Science (5.00)

Second Year – Spring Term (2.00 credits)
LGL 942 - Paralegal Practicum (2.00)
关于

了解零件销售和库存控制的原理，同时获得三个学期的文凭。为计划成为零件销售员、库存员或批发/制造销售代表的人士而设计。在计算机培训和业务实习的同时，准备职业发展。

发展计算机技能，确保你在零件仓库工作时使用复杂库存访问和控制系统时的成功。无论你选择在汽车经销商的汽车零件部门工作，还是在航海引擎维修店或汽车配件商店工作，你都将建立在爱荷华湖大学工作的成功所需的基础技能和经验。

课程

秋季学期（19.00学分）
- CSC 110 - Introduction to Computers (3.00)
- MAT 772 - Applied Math (5.00)
- MKT 140 - Principles of Selling (3.00)
- PAR 113 - Parts Catalog and Lab (3.00)
- PAR 123 - Parts System and Lab (4.00)
- 学分未定

春季学期（17.00学分）
- ACC 111 - Introduction to Accounting (3.00)
- BUS 161 - Human Relations (3.00)
- CDM 725 - Workplace Comm Ess. (2.00)
- MGT 101 - Principles of Management (3.00)
- MKT 150 - Principles of Advertising (3.00)
- PAR 124 - Inventory Control and Lab (3.00)

夏季学期（5.00学分）
- BUS 932 - Internship (5.00)

就业

零件销售员，库存员
销售代表，批发与制造

程序详情

入学日期：秋季学期
学制：3学期
学位：文凭（41学分）
校区：Emmetsburg

教师联系方式

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

Gavin Illg
gfillg@iowalakes.edu
712-852-5205
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 – English 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 Profession (3.00) or GRA 141 – Digital Imaging II (3.00)
- JOU 941 – Journalism & Photography Practicums (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 plus internship
- 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 dual-track 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 watercrafts. Acquire the knowledge and skill-set needed to diagnose and service today's powersport and small engine equipment.

Gain hands-on experience while working in our modern, high tech service lab and through student internship opportunities. You'll also have the opportunity to earn specialized certifications with 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 small engine 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 Terms
Degree: Associate in Applied Science (80 credits)
Campus: Emmetsburg

Faculty Contacts

Matt Bohl
Email: mbohl@iowalakes.edu
Phone: 712-852-5230

Dustin Ross
Email: dross@iowalakes.edu
Phone: 712-852-5260

CURRICULUM

First Year – Fall Term (19.00 credits)
BUS 161 - Human Relations (3.00)
HSC 134 - First Aid/CPR (1.00)
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 Sys Theory/Lab (3.00)
MOT 144 - Motorcycle Drive Systems, Chassis & Suspension Theory & Lab (4.00)

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

Second Year – Fall Term (19.00 credits)
BCA 212 - Computer Business Applications or CSC 110 (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.

Careers

Sales Representative, Sales Manager, Advertising, Travel Agent, Sales, Marketing Coordinator, Marketing Specialist

Program Details

Enrollment Date: Any Term
Program Length: 3 or 5 Terms
Degree: Diploma (38 credits) or Associate in Applied Science (69 credits)
Campus: Emmetsburg

Faculty Contact

Denise Reimer
dreimer@iolalakes.edu | 712-852-5258

CURRICULUM

First Year – Fall Term (17.00 credits)
BUS 161 – Human Relations (3.00)
BUS 175 – Business Seminar (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 – English 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 (3.00)
SPC 101 – Fundamentals of Oral Communication (3.00)
Business Electives (6.00)

Second Year – Spring Term (16.00 credits)
BID 105 – Intro to Biology (4.00)
ECN 120 – Principles of Macroeconomics (5.00)
PHI 105 – Intro to Ethics (3.00)
POL 111 – American National Gov’t (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’ll be prepared to 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.

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.

Curriculum

First Year – Fall Term (15.00 credits)
- ENG 105 – English Composition I (3.00)
- HSV 284 – Case Management (3.00) or DSV 135 – Assessment and Instruction DSV (3.00)
- MAT 110 – Math for Liberal Arts (3.00)
- PSY 111 – Introduction to Psychology (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

First Year – Spring Term (16.00 credits)
- CRI 207 – Drug Use and Abuse (3.00)
- DSV 160 – Counseling Skills (4.00) or HSV 225 – Counseling Techniques (3.00)
- MAT 140 – Finite Math (3.00)
- PHI 105 – Introduction to Ethics (3.00)
- PSY 121 – Developmental Psychology (5.00)

First Year – Summer Term (14.00 credits)
- CSC 110 – Introduction to Computers (3.00)
- SOC 200 – Minority Group Relations (3.00)
- Humanities (4.00)
- Science (4.00)

Second Year – Fall Term (16.00 credits)
- HSV 293 – Sub Abuse Treatment & Planning (3.00)
- PSY 241 – Abnormal Psychology (3.00)
- SDC 200 – Minority Group Relations (3.00)
- Humanities (3.00)
- Science (4.00)

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

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 plus practicum
Degree: Associate in Applied Science (68 credits)
Campus: Estherville

Faculty Contact

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

The Surgical Technology diploma and AAS degree programs, Spencer Campus, are accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org). You will be equipped with the training and skills needed to pass the Certified Surgical Technologist (CST) Credentialing Exam offered by The National Board of Surgical Technology and Surgical Assisting.

**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 5 Terms
- **Degree**: Diploma (44 credits) or Associate in Applied Science (76 credits)
- **Campus**: Spencer

**Faculty Contact**

Dana Grafft  
dgraftt@iowlakes.edu | 712-580-8624

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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)
- Humanities (3.00)

**First Year – Spring Term (16.00 credits)**
- BIO 175 – 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 131 – Surgical Foundations Lab (4.00)
- SUR 430 – Microbiology For Surgical Technology (2.00)
- Elective: PHI 105 – Introduction to Ethics (3.00)

**Second Year – Spring Term (14.00 credits)**
- ADM 220 – Career Development Skills (1.00)
- SUR 223 – Surgical Procedures Lecture-Course (6.00)
- SUR 227 – Surgical Procedures Lab (2.00)
- SUR 420 – Pharmacology for the Surgical Tech (2.00)
- SUR 517 – Surgical Technology Practicum I (3.00)

**Second Year – Summer Term (7.00 credits)**
- SUR 519 – 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 Sentence Skills Score of 60 or higher
   - ACCUPLACER Reading Score of 70 or higher
   - ACCUPLACER Elementary Algebra Score of 60 or higher
   - ACT English Score of 17 or higher
   - ACT Reading Score of 16 or higher
   - ACT Math Score of 19 or higher
3. Have graduated from an accredited high school with grades of “C” or better, cumulative GPA of 2.5 higher, HiSET of 45 or higher, or GED of 550 or higher.
4. A cumulative GPA of 2.5 or higher for applicants who have taken college courses from an accredited college.
5. Submit all official transcripts (high school and college).
6. 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)

CURRICULUM

First Year – Fall Term (18.00 credits)
AGV 103 - Introduction to Veterinary Science (3.00)
AGV 118 - Vet Tech Anatomy and Physiology I (4.00)
AGV 119 - Vet Medical Terminology (2.00)
AGV 150 - Office Procedures for Veterinary Tech (3.00)
AGV 189 - Small Animal Clinic Observation (2.00)
AGV 267 - Dosage Calculations for Vet Tech I (2.00)
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 140 - Veterinary Pharmacology (5.00)
AGV 158 - Veterinary Law and Ethics (3.00)
AGV 162 - Animal Nursing II (3.00)
AGV 168 - Veterinary Clinic Pathology II (5.00)
AGV 170 - Veterinary Anesthesiology (3.00)
ENG 105 - English Composition I (3.00)

Second Year – Spring Term (18.00 credits)
AGV 177 - Animal Nursing III (4.00)
AGV 188 - Veterinary Clinic Pathology III (4.00)
AGV 187 - Veterinary Computer Applications (3.00)
AGV 239 - VTNE Review and Prep (1.00)
Social Science or Humanities (3.00)

Program Details

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

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

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

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

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 - Indus Safety & Workplace Environment (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 – Prin. 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 (5.00)
ELE 242 – Programmable Logic Control Systems (4.00)
EVS 274 - Water Processing (5.00)
EVS 284 – Wastewater Treatment (5.00)
Develop the technical and creative skills needed to create and manage websites while earning an Associate in Applied Science degree. In today’s world, every business needs a website and a skilled web developer they can trust. Whether you want to be a web page designer, webmaster or web developer, you’ll develop a valuable skill-set here that the workforce needs.

Learn the core technology skills in your first year before advancing to web-specific topics in your second year of the Web Development and Design program. Become competent in your creative ability to develop informative, easy-to-use websites and mobile designs using Adobe Fireworks, Flash and Dreamweaver. You’ll also receive technical training in writing HTML, CSS, PHP and JavaScript code. Finally, you’ll also be acquainted with creating online games in year two.

Explore your creativity and hone your technical skills as you train in every aspect of the profession. Enter the workforce feeling competent in your ability to write code, create web graphics, maintain existing sites or develop new ones.

**CURRICULUM**

**First Year – Fall Term (18.00 credits)**
- CIS 125 – Intro to Programming Logic w/Language (3.00)
- CIS 352 – Database and SQL (3.00)
- GRA 234 – Dreamweaver Level I (3.00)
- MAT 140 – Finite Math (3.00) or MAT-157 - Statistics (4.00)
- NET 122 – Computer Hardware Basics (3.00)
- PSY 111 – Introduction to Psychology (3.00)

**First Year – Spring Term (17.00 credits)**
- CIS 204 – Intro to Website Development (3.00)
- ENG 105 – English Composition I (3.00)
- GRA 235 – Dreamweaver Level II (3.00)
- NET 140 – Networking Essentials (4.00)
- Science (4.00)

**First Year – Summer Term (4.00 credits)**
- GRA 932 – Web Development Internship (4.00)

**Second Year – Fall Term (15.00 credits)**
- GRA 140 – Digital Imaging (3.00)
- GRA 162 – Web Page Graphics (3.00)
- GRA 525 – Digital Color Theory (5.00) or CIS–161 – C++ (5.00)
- JOU 175 – Digital Photography (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

**Second Year – Spring Term (15.00 credits)**
- ART 101 – Art Appreciation (3.00) or MMS-101 - Mass Media (3.00)
- GRA 121 – Digital Drawing (3.00)
- GRA 141 – Digital Imaging II (5.00)
- GRA 166 – Web Animations (3.00)
- MKT 110 – Principles of Marketing (5.00)

**Careers**

Web Developer, Web Designer, UI Engineer, Web Master

**Program Details**

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

**Faculty Contact**

Kevin Grems
kgrems@iowalakes.edu | 712-362-7938
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.

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: SENSE1 (1.00)
- WEL 253 – Print Reading and Welding Symbol Interpretation: SENSE1 (3.00)
- WEL 254 – Welding Inspection & Testing Principles: SENSE1 (1.00)
- WEL 274 – Shielded Metal Arc Welding I: SENSE1 (3.00)
- WEL 275 – Shielded Metal Arc Welding II: SENSE1 (3.00)

Spring Term (20.00 credits)
- COM 725 – Workplace Comm Ess (2.00)
- MAT 770 - Applied Math (2.00)
- WEL 179 – Special Processes/Procedures (3.00)
- WEL 244 – Gas Metal Arc Welding Short Circuit Transfer: SENSE1 (2.00)
- WEL 245 – Gas Metal Arc Welding Spray Transfer: SENSE1 (2.00)
- WEL 251 – Gas Tungsten Arc Welding for Carbon Steel: SENSE1 (2.00)
- WEL 252 – Gas Tungsten Arc Welding for Aluminum: SENSE1 (1.00)
- WEL 253 – Gas Tungsten Arc Welding for Austenitic Stainless Steel: SENSE1 (1.00)
- WEL 510 – Pipe Welding (5.00)

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
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.

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 116 – 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 (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 Sys (4.00)
- ELT 493 – Industrial Networking and Data Acquisition (4.00)
- MGT 101 – Principles of Management (3.00)
- WTT 204 – Wind Turbine Siting (4.00)

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

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

Faculty Contact

Michael Gengler
mgengler@iowalakes.edu | 712-362-7950
Special Services

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. S219.

Library Services
ONLINE LIBRARY CATALOG
Access to the Iowa Lakes Community College online library catalog is http://www1.youseemore.com/nilc/EmmetsburgLCC/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 two 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. S501.

TRIO-EDUCATIONAL TALENT SEARCH
Educational 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. Educational 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:

CAREER ORIENTATION CENTER
This program assists students in developing independent living skills and selecting a vocational goal appropriate to individual abilities and interests.

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

Colleges
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 six-week online non-credit courses that start the third Wednesday of every month. Course offerings range in topic interest from computer, Internet, business management, paralegal, 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.
- Activity Director Training (60 hours)
- Certified Nurse Assistant (75 hours, 3 semester credits)
- First Responder (52 hours)
- Home Care Aide (13 hours) Prerequisite: CNA course
- Hospital Nurse Assistant II (60 hours) Prerequisite: CNA course
- Medication Aide (50 hours, 2 semester credits)
- Real Estate Prelicensure
- Rehabilitation Assistant (60 hours, 3 semester credits)

English as a Second Language (ESL)
ESL classes are for adult learners in the Iowa Lakes five county area. Classes take place at the 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 (16-week Fresh Start classes, one-week Boot Camps, and i-Pathways—our online option) are offered at various campuses multiple times throughout the year. 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 $60.00.

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.
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<th><strong>IOWA LAKES CONTACTS</strong></th>
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| **ADMISSIONS OFFICE** | *Annie Kalous, Director*  
1-800-346-6018 ext. 5254 |
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| **EMMETSBURG CAMPUS** | *Brandon DeClercq, Enrollment Coach*  
1-800-346-6018 ext. 5322  
*Todd Peters, Enrollment Coach*  
1-800-346-6018 ext. 5209  
*Mary Anderson, Admissions Specialist*  
1-800-346-6018 ext. 5212 |
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| **ESTHERVILLE CAMPUS** | *Corey Meyer, Enrollment Coach*  
1-800-521-5054 ext. 7919  
*Jason McKinney, Enrollment Coach*  
1-800-521-5054 ext. 7968  
*Jarvis Weber, Enrollment Coach*  
1-800-521-5054 ext. 7988  
*Madison Vos, Admissions Specialist*  
1-800-521-5054 ext. 7945 |
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| **CAMPUS ADMINISTRATORS** | *Tom Brotherton, Executive Dean*  
Emmetsburg, 1-800-242-5108 ext. 5223  
*Scott Stokes, Executive Dean*  
Estherville, 1-800-242-5106 ext. 7913  
*Mary Faber, Director, Spencer & Spirit Lake*  
1-877-807-9585 ext. 8628  
*Julie Williams, Executive Dean of Students*  
Estherville, 1-800-521-5054 ext. 7912  
Emmetsburg, 1-800-346-6018 ext. 7912  
*Theresa Umscheid, Director of Iowa Community College Online Consortium (ICCOC)*  
1-800-242-5106 ext. 7948  
*Theresa Waechter, Supervisor*  
Algona, 1-877-807-9583, ext. 8525 |
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| **FINANCIAL AID OFFICE** | *Steve Pelzer, Director*  
Emmetsburg, 1-800-242-5108 ext. 7917  
Estherville, 1-800-242-5106 ext. 7917  
*Dianne Hough, Specialist*  
Emmetsburg, 1-800-242-5108 ext. 5267  
*Gina Marquez, Office Associate*  
Emmetsburg, 1-800-242-5108 ext. 5276  
*Deb Weston, Office Associate*  
Estherville, 1-800-242-5106 ext. 7920 |
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| **EDUCATIONAL COUNSELING/ACCOMMODATIONS** | *Jody Condon, Counselor/Accommodations*  
Emmetsburg, 1-800-242-5108 ext. 5219  
*Kevin Range, Counselor*  
Estherville, 1-800-242-5106 ext. 7990  
*Rachel Pencelet, Counselor*  
Estherville, 1-800-242-5106, ext. 8364  
*Jacque Carstens, Counselor*  
Spencer, 1-877-807-9585 ext. 8627 |
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| **HOUSING** | *Jeremy Ward, Housing Manager*  
Emmetsburg, 1-800-242-5108 ext. 5210  
*Bill Lapczenski, Director*  
Emmetsburg, 1-800-242-5108 ext. 5207  
*Joey Pavlovich, Housing Manager*  
Estherville, 1-800-242-5106 ext. 7916  
*Troy Larson, Director*  
Estherville, 1-800-242-5106 ext. 7915  
*Blake Viedenkamp, Housing Manager*  
Spencer, 1-877-807-9585 ext. 8652 |
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| **DINING SERVICES** | *Steve Olerich, Supervisor*  
Emmetsburg, 1-800-242-5108 ext. 5271  
*Margaret Gebel, Supervisor*  
Estherville, 1-800-242-5106 ext. 7909 |
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| **STUDENT LIFE & ATHLETICS** | *Bill Lapczenski, Director, Auxiliary Services/Student Senate Advisor*  
Emmetsburg, 1-800-242-5108 ext. 5207  
*Troy Larson, Athletic Director*  
Estherville, 1-800-242-5106 ext. 7915  
*Katie Larson, Student Senate Advisor*  
Estherville, 1-800-242-5106 ext. 8398  
*Blake Viedenkamp, Student Senate Advisor*  
Spencer, 1-877-807-9585 ext. 8652 |
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| **VETERANS AFFAIRS** | *Kent Schmidt*  
Emmetsburg, 1-800-242-5108 ext. 5284 |
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| **LIBRARIES** | *Shannon Motter, Director*  
Emmetsburg, 1-800-242-5108 ext. 7936  
Estherville, 1-800-242-5106 ext. 7936  
*Barb Grandstaff, Registrar*  
Estherville, 1-800-242-5106 ext. 7923  
*Sue Madison, Office Associate*  
Estherville, 1-800-242-5106 ext. 7922  
*Darci Curry, Records Coordinator*  
Emmetsburg, 1-800-242-5108 ext. 5265 |
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| **RECORDS/REGISTRAR’S OFFICE** | *Barb Grandstaff, Registrar*  
Estherville, 1-800-242-5106 ext. 7923  
*Sue Madison, Office Associate*  
Estherville, 1-800-242-5106 ext. 7922  
*Darci Curry, Records Coordinator*  
Emmetsburg, 1-800-242-5108 ext. 5265 |
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| **CAMPUS STORE** | *Madison Reimer, Campus Store Coordinator*  
Emmetsburg, 1-800-242-5108 ext. 5282  
Estherville, 1-800-242-5106 ext. 8340  
*Trudy Ahrens, Director*  
Emmetsburg, 1-800-242-5108 ext. 5302  
Estherville, 1-800-242-5106 ext. 5302  
*Molly Giddings, Coordinator*  
Emmetsburg, 1-800-242-5108 ext. 7921  
Estherville, 1-800-242-5106 ext. 7921 |
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| **TRIO-SSS** | *Kent Schmidt, Coordinator*  
Emmetsburg, 1-800-242-5108 ext. 5283  
*Melissa Lutat, Coordinator*  
Estherville, 1-800-242-5106 ext. 7926  
*Laurie Schmidt, Professor*  
Emmetsburg, 1-800-242-5108 ext. 5275  
*Molly Struve, Assistant Professor*  
Estherville, 1-800-242-5106 ext. 7935  
*Lynn Jenson, Instructional Assistant*  
Algona, 1-877-807-9583 ext. 8521  
*Dennis McDonald, Instructional Assistant*  
Spirit Lake, 1-877-807-9584 ext. 6564  
*Cody Alesch, Completion Specialist*  
Estherville, 1-800-242-5106 ext. 7930  
*Mike Turnbull, Instructional Assistant*  
Estherville, 1-800-242-5106, ext. 8375  
*Katherine Pearce, Instructional Assistant*  
Spencer, 1-877-807-9585, ext. 8641 |
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| **VOCATIONAL REHABILITATION** | *Alison Mason, Institutional Advancement Manager*  
Estherville, 712-362-0491 |
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*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.