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.

WELCOME TO IOWA LAKES COMMUNITY COLLEGE – WHERE EVERY DAY IS A GREAT DAY TO BE A LAKER!

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 will allow you to explore your interests inside and outside the classroom. With this in mind, we invite you to discover and learn more about the programs that we offer, our campuses, our unique learning opportunities, and the many resources we have available to help you to be successful.

As you explore Iowa Lakes, you will find we are more than just a college. We are the beginning of 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!

TOP 5 REASONS TO ATTEND IOWA LAKES

1. NO MATTER YOUR EDUCATIONAL GOALS - WE’VE GOT YOU COVERED
   Whether you are looking to receive the first two years of a baccalaureate degree, start a career through one of our career tech programs or are seeking to re-enter the workforce with a new skill-set, Iowa Lakes Community College has got you covered by offering the educational opportunities needed to fulfill your goals.

2. OPTIONS - OVER 50 AREAS OF STUDY AVAILABLE – SOMETHING FOR EVERYONE!
   At Iowa Lakes, you can choose from over 50 areas of study from many nationally recognized programs. You will find our qualified faculty and staff are committed to working with you, hand-in-hand, to help you to achieve your goals.

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

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

5. ON-CAMPUS LIVING – YOUR NEW HOME AWAY FROM HOME!
   Iowa Lakes Community College provides on-campus housing opportunities at the Emmetsburg, Estherville and Spencer Campuses. Living on campus provides you with an affordable housing option with a variety of amenities to include meal plans, utilities, internet and basic cable.

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

Valerie Newhouse, President
IT’S A GREAT DAY TO BE A LAKER!

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WWW.IOWALAKES.EDU
At Iowa Lakes Community College you will receive a quality educational experience. Whether you are looking to explore a specific program or complete your general courses before you transfer, we are here for you!

OPEN DOOR ADMISSION

Iowa Lakes Community College has a general policy of admitting all individuals into college transfer or technical and vocational programs who either have a high school diploma or its equivalent. If you have not completed high school, you may be admitted on an individual basis to some programs. Enrollment in many Iowa Lakes programs is limited. Applicants are encouraged to apply for admission as soon as possible.

It’s simple to apply, and it’s FREE too!

Complete an application for admission:
- On paper form in the back of this book.
- Online at www.iowalakes.edu
- In person at any Iowa Lakes campus located in Algona, Emmetsburg, Estherville, Spencer or Spirit Lake

PASSPORT TO IOWA LAKES

We have provided you with a checklist that will help you to keep track of steps needed to complete your journey to Iowa Lakes.

- Apply and Get Accepted
- Schedule a Campus Visit
- Complete Financial Aid Application
- Complete Scholarship Application
- Have Official High School Transcript sent to Iowa Lakes
- Have Official College Transcript sent to Iowa Lakes
- Complete College Placement Exam
- Complete Housing Application
- RSVP for Orientation
- Join a Club or Activity

Equal Opportunity – Non-Discrimination Statement/Americans with Disabilities Act

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YOUR ROUTE
TO BECOMING A LAKER

1 VISIT
Learn what life is like being a Laker, plan your visit today!

You have the opportunity to meet faculty, staff, and students and to explore campus life. Your visit can include:

- A comprehensive tour of the whole campus
- A chance to see the campus residences
- A meeting with faculty or staff from your area of academic interest
- A chance to sit in on a class (call us to schedule this)
- A personal meeting with an enrollment coach

SCHEDULE A VISIT
Schedule your visit online using this form:
www.iowalakes.edu/admissions/visit_us

Or call: 1–800–521–5054 (Estherville Campus)
1–800–346–6018 (Emmetsburg Campus)
1–877–807–9585 (Spencer Campus)

2 APPLY
You’ve seen it – now become part of it!

- Online at www.iowalakes.edu
- By mail – if you prefer you can complete an Iowa Lakes Application for Admission form and mail it to the appropriate campus.*
- Send Official High School transcripts
- Complete program–specific requirements, if asked.

- Complete assessment testing before registering for classes

* 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
After admission, start planning for your new home!

- Apply online at: www.iowalakes.edu/housing

4 APPLY FOR FINANCIAL AID/SCHOLARSHIPS
Everyone is eligible to apply – it can make the difference in financing your education.

Submit your Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov. The Title IV code for Iowa Lakes is 001864. This can be done any time after October 1st.

Submit the Iowa Lakes scholarship application online at iowalakes.edu/scholarship

Scholarship Deadlines are Feb. 1; Mar. 1; April 1; July 15; Oct. 1. One application per academic year.
IOWA LAKES TRANSFER OPTIONS

Iowa Lakes offers many transfer options as a part of our Associate in Arts Degree (AA). Your Iowa Lakes advisor will assist in planning the courses you need to transfer into your major. At Iowa Lakes, you have the opportunity to complete your AA then transfer into a 4-year program with a major in the areas listed below.

ASSOCIATE IN ARTS (AA)

Accounting  Counseling  Medicine
Agribusiness  Criminal Justice  Meteorology
Agriculture Communication  Dentistry  Mortuary Science
Agriculture Education  Early Childhood Education  Music
Agriculture Studies  Education/Teaching  Natural Resource Management
Agronomy  Engineering  Nursing
Animal Science  English/Speech Education  Optometry
Architecture  Environmental Science  Pharmacy
Art  Event Planning  Physical Education – Teaching or Coaching
Arts Management – Art  Family and Consumer Sciences  Physical Therapy
Arts Management – Music  Family or Community Service  Physics
Astronomy, Astrophysics And Space  Finance  Political Science
Athletic Training  Graphic Design  Psychology
Biology  Geology  Recreation and Sports
Business  History  Management
Business Administration  Horticulture  Social Media
Business Management  Law  Social Work
Chemistry  Liberal Arts and Sciences  Sociology
Chiropractic  Library Science  Spanish
Communication Studies  Marketing  Veterinary Medicine
Computer Science  Mathematics  Medicine

TRANSFER PLANNING

Attending Iowa Lakes Community College is a great way to earn credits for transfer and reach your academic goals. Many of the courses you will take at Iowa Lakes are designed for transfer. If your goal is to earn a Bachelor’s or higher degree, the Iowa Lakes courses will help you achieve your plan.

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.

Comparison Transfer Data to Iowa’s Regent Universities (2012-2015)

**Iowa Lakes Community College**
- First Year University GPA Average = 2.79 (2014–15)
- Average Retention One Year After Transferring to a Regent University = 84% (2014–15)
- Average University Graduation Rates Three Years After Entry to a Regent University = 52% (2012–13)

**All Iowa Community Colleges**
- First Year University GPA Average = 2.67 (2014–15)
- Average Retention One Year After Transferring to a Regent University = 79% (2014–15)
- Average University Graduation Rates Three Years After Entry to a Regent University = 47% (2012–13)
A. A. DEGREE REQUIREMENTS

(64 Term credits minimum for graduation; Consult with your advisor for recommended courses within each requirement based on your area of interest)

**Communications**
(10 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG–105 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG–106 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>SPC–101 Fund of Oral Communications</td>
<td>1</td>
</tr>
<tr>
<td>SPC–112 Public Speaking</td>
<td></td>
</tr>
<tr>
<td>SPC–122 Interpersonal Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

**Science**
(8 or more credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO–105 Introductory Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO–112 General Biology I</td>
<td></td>
</tr>
<tr>
<td>BIO–113 General Biology II</td>
<td></td>
</tr>
<tr>
<td>BIO–141 Ecol &amp; Env Concepts</td>
<td></td>
</tr>
<tr>
<td>BIO–163 Essent of Hm Anat &amp; Phys</td>
<td>4</td>
</tr>
<tr>
<td>BIO–168/175 Hm Anat &amp; Phys I/I</td>
<td></td>
</tr>
<tr>
<td>BIO–186 Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIO–248 Introduction to Bioscience</td>
<td>4</td>
</tr>
<tr>
<td>BIO–300 Field Biology &amp; Lab</td>
<td></td>
</tr>
<tr>
<td>CHM–151 College Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM–152 College Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHM–166 General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHM–176 General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHM–190 Intro to Forensic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>PHS–113 Intro to Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>PHS–166 Meteorology, Weather &amp; Climate</td>
<td>4</td>
</tr>
<tr>
<td>PHS–187 Intro to Earth Science</td>
<td></td>
</tr>
<tr>
<td>PHY–162/172 College Physics I/I</td>
<td></td>
</tr>
<tr>
<td>PHY–212/222 Classical Physics I/I</td>
<td></td>
</tr>
</tbody>
</table>

**Mathematics**
(5 or more credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT–110 Math for Liberal Arts</td>
<td>3</td>
</tr>
<tr>
<td>MAT–140 Finite Math</td>
<td></td>
</tr>
<tr>
<td>MAT–156/157 Statistics OR BUS–211/212 Business Statistics</td>
<td>3.4</td>
</tr>
<tr>
<td>MAT–120 College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT–127 College Algebra &amp; Trig.</td>
<td></td>
</tr>
<tr>
<td>MAT–210 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT–211 Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MAT–217 Calculus II</td>
<td></td>
</tr>
<tr>
<td>MAT–218 Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MAT–225 Differential Equations</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**Computers**
(3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC–110 Intro to Computers</td>
<td>3</td>
</tr>
<tr>
<td>BCA–212 Intro to Comp Apps in Business</td>
<td>3</td>
</tr>
<tr>
<td>BCA–218 Adv Microsoft Office Apps</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Area I</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS–110/111 Western Civiliz</td>
<td>3</td>
</tr>
<tr>
<td>HIS–285 Classical Heritage</td>
<td></td>
</tr>
<tr>
<td>HIS–151/152 U.S. History</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area II</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY–111 Intro to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY–121 Developmental Psych</td>
<td></td>
</tr>
<tr>
<td>PSY–211 Psych. of Adjustment</td>
<td></td>
</tr>
<tr>
<td>PSY–241 Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY–251 Social Psychology</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area III</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON–120 Prin of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON–150 Prin of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area IV</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL–110 Intro to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>PHL–115 Social Problems</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area VI</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS–100 Music Apprecation</td>
<td>3</td>
</tr>
<tr>
<td>MUS–202 World Music</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours**

*64 credit hours are required to graduate*

Communications
Mathematics
Science
Computers
Social Sciences
Humanities
Electives
Total:

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

### CERTIFICATE/DIPLOMA

<table>
<thead>
<tr>
<th>Program</th>
<th>Online Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Specialist</td>
<td>100%</td>
</tr>
<tr>
<td>Auto Collision &amp; Paint Repair Technology</td>
<td></td>
</tr>
<tr>
<td>Business Specialist</td>
<td>100%</td>
</tr>
<tr>
<td>Construction Technology</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>Graphic Design</td>
<td></td>
</tr>
<tr>
<td>Heating, Ventilation &amp; Air Conditioning Technology</td>
<td></td>
</tr>
<tr>
<td>Hospitality Services</td>
<td></td>
</tr>
<tr>
<td>Marine Service Technology</td>
<td></td>
</tr>
<tr>
<td>Massage Therapy (Fall 2019)</td>
<td></td>
</tr>
<tr>
<td>Medical Assistant</td>
<td></td>
</tr>
</tbody>
</table>

### A.A.S.

<table>
<thead>
<tr>
<th>Program</th>
<th>Online Options</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>
</tr>
<tr>
<td>Auto Collision &amp; Paint Repair Technology</td>
<td></td>
</tr>
<tr>
<td>Automotive Technology</td>
<td></td>
</tr>
<tr>
<td>Aviation/Airport Management</td>
<td></td>
</tr>
<tr>
<td>Business Administration &amp; Management</td>
<td>100%</td>
</tr>
<tr>
<td>Computer Programming</td>
<td></td>
</tr>
<tr>
<td>Construction Technology</td>
<td></td>
</tr>
<tr>
<td>Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>Digital, Social &amp; Broadcast Productions</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>Electrical Technology</td>
<td></td>
</tr>
<tr>
<td>Engineering Technology</td>
<td></td>
</tr>
<tr>
<td>Environmental Studies</td>
<td></td>
</tr>
<tr>
<td>Farm Equipment &amp; Diesel Technology</td>
<td></td>
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</tbody>
</table>

### Program                                      | Online Options |
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Medical Office Technology</td>
<td></td>
</tr>
<tr>
<td>Nursing: Practical Nursing (path to LPN)</td>
<td></td>
</tr>
<tr>
<td>Office Specialist</td>
<td>50%+</td>
</tr>
<tr>
<td>Parts Sales &amp; Inventory Control</td>
<td></td>
</tr>
<tr>
<td>Photography</td>
<td></td>
</tr>
<tr>
<td>Powersports &amp; Power Equipment Technology</td>
<td></td>
</tr>
<tr>
<td>Sales &amp; Marketing Management</td>
<td>75%+</td>
</tr>
<tr>
<td>Surgical Technology</td>
<td></td>
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<tr>
<td>Water Quality Technician</td>
<td></td>
</tr>
<tr>
<td>Welding</td>
<td></td>
</tr>
<tr>
<td>Wind Energy &amp; Turbine Technology</td>
<td></td>
</tr>
</tbody>
</table>

### Program                                    | Online Options |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Game Design &amp; Development</td>
<td></td>
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<tr>
<td>Graphic Design</td>
<td></td>
</tr>
<tr>
<td>Heating, Ventilation &amp; Air Conditioning Technology</td>
<td></td>
</tr>
<tr>
<td>Hotel &amp; Restaurant Management</td>
<td></td>
</tr>
<tr>
<td>Human Services/Disability Studies</td>
<td>100%</td>
</tr>
<tr>
<td>Marine Service Technology</td>
<td></td>
</tr>
<tr>
<td>Nursing: Associate Degree Nursing (path to RN)</td>
<td></td>
</tr>
<tr>
<td>Paralegal/Legal Studies (Spring 2019)</td>
<td>100%</td>
</tr>
<tr>
<td>Powersports &amp; Power Equipment Technology</td>
<td></td>
</tr>
<tr>
<td>Sales &amp; Marketing Management</td>
<td>75%+</td>
</tr>
<tr>
<td>Substance Abuse Counseling</td>
<td>75%+</td>
</tr>
<tr>
<td>Surgical Technology</td>
<td></td>
</tr>
<tr>
<td>Veterinary Technician</td>
<td></td>
</tr>
<tr>
<td>Water Quality Technician</td>
<td></td>
</tr>
<tr>
<td>Web Development &amp; Design</td>
<td></td>
</tr>
<tr>
<td>Wind Energy &amp; Turbine Technology</td>
<td></td>
</tr>
</tbody>
</table>
ABOUT

The Agribusiness Technology program at Iowa Lakes provides students with the opportunity to earn an Associate in Applied Science Degree. Students will receive a comprehensive overview of the business and management side of agriculture. Students will gain experience on our 300 plus acre, college owned, farm.

Our farm consists of 200+ acres of row crops, a herd of 50 cattle along with 150+ head commercial feed lot and a top-notch swine facility that facilitates a farrow to finish operation. Our students have the opportunity to interact and help manage the daily operations of the farm while experiencing the latest production methods and technology available. Students will have the ability to complete courses such as Fundamentals of Soil Science, Agricultural Computers, Agricultural Finance, Grain Merchandising, Soil Science and Fertilizer, Integrated Crop Management, Principles of Farm Business Management and Advanced Soil Fertility.

Upon completion of our program, students will be prepared for entry into the feed, fertilizer, integrated pest management, farm management and farm supply areas of agriculture. Students will experience on-the-job training through the Occupational Experience portion of our program. This allows students to earn money while gaining actual agribusiness experience, often these experiences will lead to a permanent career.

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
Campus: Emmetsburg

Mark Jensen
Email: mjensen@iowalakes.edu
Phone: 712-852-5232

CURRICULUM

<table>
<thead>
<tr>
<th>AGROBUSINESS TECHNOLOGY</th>
<th>AAS - 78 credits</th>
</tr>
</thead>
</table>

**First Year – Fall Term** (17.00 credits)

AGC 111 - Basic First Aid and Life Support (1.00)
AGA 154 - Fundamentals of Soil Science (3.00)
AGC 105 - Ag Computer (3.00)
AGS 115 - Survey of the Animal Industry (2.00)
AGC 936 - Occupational Experience (3.00)
AGA, AGC, AGS, choose from (2.00)
BUS 161 - Human Relations (3.00)

**First Year – Spring Term** (17.00 credits)

AGA 284 - Pesticide Application Certification (3.00)
AGA 114 - Principles of Agronomy (3.00)
AGC 957 - 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)

AGC 317 - Agricultural Field Studies (1.00)
AGB 437 - Commodity Marketing (3.00)
AGB 575 - Integrated Crop Management (2.00)
AGA, AGC, AGS choose from (5.00)
MAT 772 - Applied Math (3.00)
or MAT 110 – Math for Liberal Arts (3.00)

**Second Year – Fall Term** (18.00 credits)

AGA 352 - Soil Science and Fertilizer (2.00)
ACC 111 – Introduction to Accounting (3.00)
AGB 527 – Principles of Farm Business Management (2.00)
AGM 102 – Farm Equipment Maintenance (1.00)
or AGP 242 – Precision Agriculture Applications (2.00)
AGC 958 – Occupational Experience III (3.00)
AGB 436 - Grain Merchandising (2.00)
AGB 194 – Beginning Sales (2.00)
SPC 101 – Fundamentals of Oral Communication (3.00)

**Second Year – Spring Term** (14.00 credits)

AGB 466 – Agricultural Finance (5.00)
AGC 210 – Employment Seminar (1.00)
AGB 210 – Ag Law (2.00)
AGA 533 – Advanced Soil Fertility (2.00)
AGS AGC AGB choose from (6.00)
ABOUT

The Agricultural Production Technology Program at Iowa Lakes provides students with the opportunity to earn an Associate in Applied Science Degree in Agricultural Production Technology. Students will gain experience on our 300 plus acre, college-owned, farm.

Our farm consists of 200+ acres of row crops, a herd of 50 cattle along with 150+ head commercial feedlot, a top-notch swine facility that facilities a farrow to finish operation. Our students have the opportunity to interact and help manage the daily operations of the farm while experiencing the latest production methods and technology available. Students will have the ability to complete courses such as Fundamentals of Soil Science, Survey of the Animal Industry, Principles of Agronomy, Pesticide Application Certification, Computerized Agricultural Accounting and Precision Agricultural Applications.

Upon completion of our program, students will be prepared for re-entry into their home operations or to seek employment at production or industry sites. Students will experience on-the-job-training through the Occupational Experience portion of our program. This allows students to earn money while gaining actual agricultural production experience; often these experiences lead into a permanent career.

CURRICULUM

First Year - Fall Term (17.00 credits)
AGA 154 - Fundamentals of Soil Science (3.00)
AGC 111 - Basic First Aid and Life Support (1.00)
AGC 936 - Occupational Experience (3.00)
AGC 103 - Ag Computer (3.00)
AGS 113 - Survey of the Animal Industry (2.00)
AGA, AGB, AGC, AGS choose from (2.00)
BUS 161 - Human Relations (3.00)

First Year - Spring Term (18.00 credits)
AGA 284 - Pesticide Application Certification (3.00)
AGA 114 - Principles of Agronomy (3.00)
AGC 937 - Occupational Experience II (3.00)
AGA, AGB, AGC, AGS choose from (4.00)
COM 781 - Written Comm in the Workplace or ENG 105 - English Composition I (3.00)
MAT 772 - Applied Math or MAT 110 - Math for Liberal Arts (3.00)

First Year - Summer Term (12.00 credits)
AGC 317 - Agricultural Field Studies (1.00)
AGA 375 - Integrated Crop Management (2.00)
AGB 457 - Commodity Marketing (3.00)
AGA, AGB, AGC, AGS choose from (4.00)
AGM 203 - Agricultural Welding (2.00)

Second Year - Fall Term (17.00 credits)
ACC 111 - Introduction to Accounting (3.00)
AGB 281 - Computerized Agriculture Accounting (1.00)
AGM 102 - Farm Equipment Maintenance (1.00)
or AGP 242 - Precision Agricultural Applications (2.00)
AGC 938 - Occupational Experience III (5.00)
AGA, AGB, AGC, AGS choose from: (4.00)
SPC 101 - Fundamentals of Oral Communication (5.00)

Second Year - Spring Term (14.00 credits)
AGB 466 - Agricultural Finance (3.00)
AGC 210 - Employment Seminar (1.00)
AGA, AGB, AGC, AGS choose from: (10.00)

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

Kelly Dodge
Agriculture Production Coordinator
Email: kdodge@iowalakes.edu
Phone: 712-852-5329

Tom Quastad
Agriculture Production Coordinator
Email: tquastad@iowalakes.edu
Phone: 712-852-5239
ABOUT

Students that complete the Veterinary Technician program at Iowa Lakes will receive their Associate in Applied Science degree in Veterinary Technology. Students will gain the skills needed to help animals when they need it most. Our in-depth training covers all areas of animal patient care, from lab tests to radiology procedures and surgical assisting. Students will take both a small and large animal clinic observation class and will have internship opportunities while completing their coursework. The Iowa Lakes Veterinary Technician program is accredited by the American Veterinary Medical Association.

PROGRAM ACCEPTANCE REQUIREMENTS:

1. Complete an application for admission to Iowa Lakes Community College.
2. Satisfy the assessment requirement: take a placement test and meet 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. High School graduation from an accredited high school with grades of “C” or better:
   - Cumulative GPA of 2.5 or higher, HiSET of 45 or higher or GED of 550 or higher
4. College Grades (if the applicant has taken college courses from an accredited college)
   - Cumulative GPA of 2.5 or higher
   - Introductory Biology or higher (or one-year high school biology)
   - Introduction to General Chemistry or higher (or one-year high school chemistry)
5. Submit all official transcripts (high school and college).
6. Complete the pre-requisite 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)

CAREERS

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

PROGRAM DETAILS

Enrollment Date: Fall
Program Length: 5 Terms
Degree: Associate in Applied Science
Campus: Emmetsburg

Annette Lindquist
Email: alindquist@iowalakes.edu
Phone: 712-852-5336

CURRICULUM

Veterinary Technician | AAS - 77 credits

First Year - Fall Term (18.00 credits)
- AGV 119 - Vet Tech Medical Terminology (2.00)
- AGV 118 - Vet Tech Anatomy and Physiology I (4.00)
- AGV 105 - Introduction to Veterinary Science (5.00)
- AGV 150 - Office Procedures for Vet Tech (3.00)
- AGV 189 - Small Animal Clinic Observation (2.00)
- AGV 267 - Dosage Calculations (1.00)
- SPC 101 - Fundamentals of Oral Communication (5.00)

First Year - Spring Term (18.00 credits)
- AGV 112 - Vet Tech Anatomy & Physiology II (4.00)
- AGV 145 - Animal Nutrition (3.00)
- AGV 167 - Veterinary Clinic Pathology I (3.00)
- AGV 161 - Animal Nursing 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)
- BUS 161 - Human Relations (3.00)
- AGV 952 - Veterinary Technician Internship (4.00)

Second Year - Fall Term (16.00 credits)
- 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)
- AGC 210 - Employment Seminar (1.00)

Second Year - Spring Term (18.00 credits)
- AGV 140 - Veterinary Technology Pharmacology (3.00)
- AGV 177 - Animal Nursing III (4.00)
- AGV 187 - Computer Applications (3.00)
- AGV 188 - Veterinary Clinic Pathology III (4.00)
- AGV 239 - VTNE Review and Prep (1.00)
- Social Science (3.00)
ACCOUNTING SPECIALIST

ABOUT

Iowa Lakes Community College offers many options for students that are interested in the Accounting field. Students enrolled in our program will have the opportunity to receive a Certified Professional Bookkeeper Certificate, receive an Accounting Diploma or earn an Associate in Applied Science Degree as an Accounting Specialist.

Students enrolled in our program will acquire skills and knowledge needed for a career in accounting or any of the fields associated with it. Students will have the opportunity to study the basic principles of accounting, payroll accounting, income tax accounting, computerized accounting, cost accounting, intermediate accounting, and various business courses.

If you like working with numbers, organizing and analyzing financial data, communicating with people, and learning something new every day, accounting is the right choice for you!

CURRICULUM

ACCOUNTING SPECIALIST | AAS - 70 credits

**First Year – Fall Term** (17.00 credits)

- ACC 131 – Principles of Accounting I (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 132 – Principles of Accounting II (4.00)
- ACC 310 – Computer Accounting (2.00)
- or ACC 511 – Computer Accounting (5.00)
- 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)
  or
- Science (4.00)

**Program Details**

- **Enrollment Date:** Any Term
- **Program Length:** 2 to 5 Terms
- **Degree:** Certificate, Diploma or Associate in Applied Science
- **Campus:** Any and Online

Lecia Berven

**Email:** lberven@iowalakes.edu
**Phone:** 712-362-8399
ABOUT

The Administrative Assistant program is designed to prepare students to enter the job market in any office setting including legal, accounting, insurance and education. Students will enroll in classes with a strong foundation of business courses including web page design, word processing, computer applications, keyboarding, calculating management, transcription and accounting courses.

Our computer courses will adequately prepare you for Microsoft Office Specialist certification in Word, Excel, and PowerPoint. Administrative assistants leave this program with modern computer and technical skills. Our students also have the opportunity to participate in Business Professionals of America’s state and national competitions.

CURRICULUM

**ADMINISTRATIVE ASSISTANT**  |  **AAS - 68 credits**

**First Year - Fall Term (16.00 credits)**
- ACC 151 – 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 (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 (3.00)  
  - ACC 161 – Payroll Accounting (3.00)

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

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

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  
**Campus:** Emmetsburg

Deb Jones  
**Email:** djones@iowalakes.edu  
**Phone:** 712-852-5241
ABOUT

In the Business Administration and Management program students have the opportunity to earn an Associate in Applied Science Degree. Our program prepares students for a variety of business and management positions. The Business Administration and Management program focuses on providing students with knowledge in sales, marketing, management, accounting and human resources. Students have the opportunity to take courses such as Principles of Accounting, Macroeconomics, Principles of Management, Business Law and Principles of Marketing. Upon completion of the Business Administration and Management program students will be proficient in the skills needed to excel in today’s competitive and complex business environment.

CAREERS

Business Specialist
Marketing & Sales
Management
Business Development Manager
Project Manager

PROGRAM DETAILS

**Enrollment Date:** Any Term  
**Program Length:** 5 Terms  
**Degree:** Associate in Applied Science  
**Campus:** All Campuses

Denise Reimer  
**Email:** dreimer@iowalakes.edu  
**Phone:** 712-852-5258

CURRICULUM

**BUSINESS ADMINISTRATION AND MANAGEMENT | AAS | 69 credits**

**First Year – Fall Term** (17.00 credits)
- ACC 131 – Principles of Accounting I (4.00)
- BUS 102 – Introduction to Business (3.00)
- CSC 110 – Introduction to Computers (3.00)
- BUS 175 – Business Seminar I (1.00)
- 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)
- MGT 101 – Principles of Management (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)
- BUS Electives: (3.00)

**First Year – Summer Term** (5.00 credits)
- BUS 932 – Internship (3.00)
  or BUS Elective (3.00)
  or ENG 106 – English Composition II (3.00)

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

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

The Hotel and Restaurant Management program at Iowa Lakes is a dual track program where students have the opportunity to receive a diploma or an Associate in Applied Science Degree in Hotel and Restaurant Management. Students in our program receive hands-on training with an emphasis in many areas of the hospitality industry. Some of these areas include hotel, restaurant, health operations and management skills. Students will be proficient in food costing, computerized front office management, food service sanitation, menu planning and design, nutrition, food production, convention management, housekeeping management, hotel operations, night audit and personnel management. Employment and placement rates are exceptional for students in our program. 95 percent of graduates have been placed in an industry demanding new employees!

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

CURRICULUM

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 2–4 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Jesse Grossnickle
Email: jgrossnickle@iowalakes.edu
Phone: 712-852-5256

Kerry Erickson
Email: kerickson@iowalakes.edu
Phone: 712-852-5355
ABOU T

The Business Specialist program at Iowa Lakes is a one-year diploma program that offers students training in computers, keyboarding, and basic accounting. Students will complete courses such as Introduction to Accounting, Computer Accounting, Payroll Accounting, and Business Professionalism. This course may be used to build the skills needed to enter the workforce, improve existing skills or even prepare students to continue their education and complete our Administrative Assistant program. Our program provides students with the opportunity to complete word processing and spreadsheet courses to prepare for the Microsoft Office Specialist Certification testing. The Business Specialist program is also available online.

CAREERS

Office Assistant
Administrative Assistant
Receptionist
Collections Specialist

CURRICULUM

B USINESS SPECIALIST | Diploma - 38 credits

Fall Term (17.00 credits)

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

Spring Term (21.00 credits)

- ACC 161 - Payroll Accounting (3.00)
- ADM 255 - Business Professionalism II (1.00)
- ACC 310 - Computer Accounting (2.00)
  or ACC 311 - Computer Accounting (3.00)
- ADM 162 - Office Procedures (3.00)
- BCA 134 - Word Processing (3.00)
- BCA 185 - Beginning Webpage Development (3.00)
  or BCA 218 - Adv Microsoft Office Applications (3.00)
- ENG 105 - Composition I (3.00)

PROGRAM DETAILS

Enrollment Date: Any Term
Program Length: 2 Terms
Degree: Diploma
Campus: Emmetsburg

Deb Jones
Email: djones@iowalakes.edu
Phone: 712-852-5241
ABOUT

The Office Specialist Program at Iowa Lakes is designed to develop the skills and attitudes needed for proficient office workers. Students will have the opportunity to complete a variety of courses that will expand their knowledge and skills. Some of the courses include Introduction to Accounting, Business Math and Calculators, Business Professionalism, Payroll Accounting, Office Procedures and Beginning Web Development. Students will complete word processing and spreadsheet courses to prepare for the Microsoft Office Specialist Certification testing. Both on-the-job training and employment placement are available in medical offices, banks, insurance, real estate offices and on-campus at Iowa Lakes.

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
Campus: Emmetsburg

Deb Jones
Email: djones@iowalakes.edu
Phone: 712-852-5241

CURRICULUM

OFFICE SPECIALIST - Diploma - 40 credits

Fall Term (22.00 credits)

ACC 111 - Introduction to Accounting (3.00)
ADM 116 - Keyboarding II (3.00)
ADM 132 - Business Math and Calculators (2.00)
ADM 254 - Business Professionalism (1.00)
ADM 936 - Occupational Experience (5.00)
BUS 160 - Human Relations (2.00)
CSC 110 - Introduction to Computers (3.00)
SPC 101 - Fundamentals of Oral Communication (3.00)

Spring Term (18.00 credits)

ACC 161 - Payroll Accounting (5.00)
ACC 510 - 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 (3.00)
ENG 105 - Composition I (3.00)
ABOUT

The Sales and Marketing Management program at Iowa Lakes Community College is a dual track program where students have the opportunity to earn a Diploma or an Associate in Applied Science degree. Students complete the following courses: visual merchandising, the principles of selling, advertising, marketing, management, retail marketing, and accounting.

The Sales and Marketing Management program at Iowa Lakes gives students the opportunity to gain hands-on, real world, experience through the practicum portion of our curriculum. These experiences help our students to excel in the sales and marketing profession.

CAREERS

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

CURRICULUM

Program Details

Enrollment Date: Any Term
Program Length: 3 or 5 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Denise Reimer
Email: dreimer@iowalakes.edu
Phone: 712-852-5258

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

First Year - Spring Term (16.00 credits)
ACC 111 - Introduction to Accounting (3.00)
MGT 101 - Principles of Management (3.00)
MKT 150 - Principles of Advertising (3.00)
MKT 110 - Principles of Marketing (3.00)
MKT 290 - Professionalism I: DEX/DECA (1.00)
or MKT 293 - Professionalism Iv: DEX/DECA (1.00)
ENG 105 - English Composition I (3.00)

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)
SPC 101 - Fundamentals of Oral Communication (3.00)
MAT 110 - Math for Liberal Arts (3.00)
Business Electives (6.00)

Second Year - Spring Term (16.00 credits)
BIO 105 – Intro to Biology (4.00)
ECN 120 – Principles of Macroeconomics (3.00)
PHI 105 – Intro to Ethics (3.00)
POL 111 – American National Gov’t (3.00)
Business Elective (5.00)
ABOUT

The Internet and other electronic media have broadened the definition of telecommunication to include a variety of new media. In addition to radio and television, you now have the opportunity to learn production hands-on for webcast programming as well as more traditional programming. A program emphasizing these new forms of media production is now listed as one of 10 college majors for a new economy at www.mainstreet.com/slideshow/10-college-majors-new-economy.

Skills you learn include:
- Implement social media in a variety of settings;
- Understand uses of social media in advertising, marketing, journalism, branding and public relations;
- Use social media to communicate globally;
- Learn to prepare for what the future holds for social media tools;
- Utilize multiple social networks current and future careers.

This degree prepares you for a variety of careers with the skills necessary to work in communications, social media, broadcasting, graphics and even marketing and sales, or to transfer to a four-year college or university and complete a Bachelor’s degree.

CURRICULUM

<table>
<thead>
<tr>
<th>First Year – Fall Term (18.00 credits)</th>
<th>Second Year – Fall Term (17.00 credits)</th>
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</thead>
<tbody>
<tr>
<td>ENG 105 – English Composition I (3.00)</td>
<td>ART 121 – 2-D Design (4.00)</td>
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<tr>
<td>GRA 140 – Digital Imaging (Photoshop) (3.00)</td>
<td>GRA 234 – Dreamweaver Level I (3.00)</td>
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<td>JDU 175 – Digital Photography (3.00)</td>
<td>MKT 140 – Principles of Selling (3.00)</td>
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<tr>
<td>JDU 190 – Foundations in Digital Media Marketing, Writing, and Community Engagement (3.00)</td>
<td>MMS 403 – Multimedia Projects III (2.00)</td>
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<td>MMS 129 – Digital Audio &amp; Video Prod &amp; Editing (3.00)</td>
<td>SMM 110 – Writing For The Web (2.00)</td>
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<td>MMS 122 – Career Seminar (1.00)</td>
<td>SMM 100 – Introduction to Social Media (3.00)</td>
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<td>MMS 401 – Multimedia Projects I (2.00)</td>
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<thead>
<tr>
<th>First Year – Spring Term (17.00 credits)</th>
<th>Second Year – Spring Term (17.00 credits)</th>
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<tbody>
<tr>
<td>GRA 141 – Digital Imaging II (3.00)</td>
<td>BUS 161 – Human Relations (3.00)</td>
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<tr>
<td>or MMS 234 – Radio Workshop (4.00)</td>
<td>GRA 235 – Dreamweaver Level II (5.00)</td>
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<tr>
<td>or MMS 225 – Advanced Television Production (5.00)</td>
<td>or MMS 234 – Radio Workshop (4.00)</td>
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<tr>
<td>MMS 101 – Mass Media (5.00)</td>
<td>or MMS 225 – Advanced Television Production (5.00)</td>
</tr>
<tr>
<td>MMS 156 – Writing for Digital Media (5.00)</td>
<td>MKT 110 – Principles of Marketing (5.00)</td>
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<td>MMS 402 – Multimedia Projects II (2.00)</td>
<td>MMS 185 – Digital Media Law and Ethics (3.00)</td>
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<td>MAT 110 – Math for Liberal Arts (5.00)</td>
<td>MMS 404 – Multimedia Projects IV (2.00)</td>
</tr>
<tr>
<td>SPC 101 – Fundamentals of Oral Communication (3.00)</td>
<td>SMM 210 – Web Analytics (5.00)</td>
</tr>
</tbody>
</table>

PROGRAM DETAILS

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

Kevin Tlam
Email: ktlam@iowalakes.edu
Phone: 712–362–7914
ABOUT

The Graphic Design program at Iowa Lakes is a dual track program. Students have the opportunity to earn a Diploma or an Associate in Applied Science Degree in Graphic Design. Our program provides students with the opportunity to develop skills in design, graphics, animation, typography, digital illustration, drawing, photography, and advertising techniques. Our students learn in a state-of-the-art Macintosh Computer Lab.

Internships give you on-the-job experience and the chance to develop a personal portfolio and provides an excellent background for job placement after graduation.

If you choose to continue your education, all of the general education courses are designed to transfer to four-year colleges. The Graphic Design courses transfer at the discretion of the transfer college. You can also continue from the one-year diploma program into the two-year Graphic Design program.

CURRICULUM

<table>
<thead>
<tr>
<th>PROGRAM DETAILS</th>
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<tr>
<td>Enrollment Date: Any Term</td>
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<tr>
<td>Program Length: 3 or 5 Term</td>
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<tr>
<td>Degree: Diploma or Associate in Applied Science Degree</td>
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<tr>
<td>Campus: Estherville</td>
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</tbody>
</table>

Mark Rosenberg
Email: mrosenberg@iowalakes.edu
Phone: 712-362-7976

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 (3.00)
- GRA 325 – Digital Color Theory
- JOU 175 – Digital Photography (3.00)

First Year – Spring Term (16.00 credits)
- ART 101 – Art Appreciation (3.00)
- ART 133 – Drawing (3.00)
- GRA 140 – Digital Imaging (Photoshop) (3.00)
- GRA 188 – Advertising Layout and Composition (3.00)
- ENG 105 – English Composition I (3.00)
- GRA 801 – Graphic Design Seminar (1.00)

First Year – Summer Term (2.00 credits)
- GRA 952 – Internship (2.00)

Second Year – Fall Term (16.00 credits)
- GRA 118 – Electronic Publishing (3.00)
- GRA 802 – Graphic Design Seminar II (1.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)
- Social Science (3.00)
- Humanities (3.00)
- Program Elective (5.00)

Second Year – Spring Term (19.00 credits)
- GRA 141 – Digital Imaging II (3.00)
- GRA 162 – Web Page Graphics (3.00)
- ART 127 – Digital Illustration (3.00)
- MAT 110 – Math for Liberal Arts (3.00)
- Science (Essentials of Anatomy & Physiology) (4.00)
- Social Science (Mass Media) (3.00)
ABOUT

In just one year, you can have an exciting career in Photography. Our program builds professional photography skills which help you in a multitude of professions.

Students learn to create, set up, compose, light, and produce photographs to professional standards, this is done through classroom activities and hands-on experience in our photography studio.

Our students will effectively create images to be used in marketing, web design, social media, newsletters, and more.

The photography program prepares students for entry-level positions in the fields of commercial, photojournalism, and portrait photography, including social and digital media.

CURRICULUM

PHOTOGRAPHY SPECIALIST | Diploma - 36 credits

**Fall Term** (16.00 credits)
- JOU 171 - Introduction to Photography (3.00)
- JOU 173 - Digital Photography (3.00)
- ENG 105 - English Composition I (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 941 – Journalism & Photography Practicums (2.00)
- JOU 180 – Digital Imaging for Profession (5.00)
  or GRA 141 – Digital Imaging II (5.00)
- MGT 110 – Small Business Management (3.00)
  or MGT 101 – Principles of Management (5.00)
- MKT 150 – Principles of Advertising (3.00)
  or MKT 140 – Principles of Selling (5.00)

Program Details

**Enrollment Date:** Fall Term

**Program Length:** 2 Terms plus internship

**Degree:** Diploma

**Campus:** Estherville

Dave Petrick

Email: dpetrick@iowalakes.edu

Phone: 712-362-7954
ABOUT

The Practical Nursing Program or PN Program at Iowa Lakes prepares students to function as a nurse who is knowledgeable and possesses the skills needed to carry out nursing processes. Students completing the PN program will provide provisional care for individuals, families or communities with basic health care needs. Our students receive hands-on training in the classroom and with supervised, clinical experiences. Students will enroll in classes such as Human Anatomy and Physiology II, Dosage Calculations, Practical Nursing Clinicals, and Developmental Psychology. Upon completion of our program, students will be eligible to complete the National Council Licensure Examination for Practical Nurses and work as a Licensed Practical Nurse in a hospital, rehabilitation facility or long-term care facilities.

Acceptance Requirements:
1. A high school diploma with minimum GPA of 2.5 or GED mean score of 550 or HiSet mean score of 14.
2. A student who does not have the minimum high school GPA, GED or HiSet score may be considered for admission if he/she completes the following college courses with a GPA of at least 2.5.
   a. Human Anatomy and Physiology I Lab (BIO-168), 4 credits
   b. Developmental Psychology (PSY-121), 3 credits
   c. Nutrition (BIO-151), 3 credits
   d. The student is required to contact the nursing program to request a review of the student’s application and transcripts when grades have been completed.
3. Submit ACT Results
   a. Composite score of 18 or equivalent exam (Compass, ASSET, Accuplacer)
   b. The composite score is based upon English, reading, mathematics, and science scores. The additional “Writing Test” is not required.
   c. Students must request ACT to send official results to the Iowa Lakes Admissions Office. Hand delivered results will not be accepted.
   d. To register for the exam or obtain information visit http://www.actstudent.org

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 Terms
Degree: Diploma
Campus: Emmetsburg

Kendra Lindloff
Email: klindloff@iowalakes.edu
Phone: 712-852-5293

CURRICULUM

PRACTICAL NURSING | Diploma - 46 credits

Program Pre-requisites
BIO 168 – Human Anatomy & Physiology I (4.00)
HSC 172 – Nurse Aide (5.00)

Fall Term (16.00 credits)
BIO 173 – Human Anatomy & Physiology II (4.00)
BIO 151 – Nutrition (5.00)
HSC 153 – Concepts in Pharmacology (5.00)
HSC 151 – Dosage Calculations (1.00)
PNN 664 – Practical Nursing I (4.00)
PNN 665 – Practical Nursing I Clinical (1.00)

Spring Term (15.00 credits)
HSC 202 – Health Informatics (2.00)
PSY 121 – Developmental Psychology (3.00)
PNN 662 – Practical Nursing II (7.00)
PNN 666 – Practical Nursing II Clinical (3.00)

Summer Term (8.00 credits)
COM 725 – Workplace Communications (2.00)
PNN 665 – Practical Nursing III (4.00)
PNN 667 – Practical Nursing III Preceptorship (2.00)
### About

The Associate Degree in Nursing or ADN program at Iowa Lakes prepares students to function as a nurse who is knowledgeable and possesses the skills needed to carry out nursing processes. Students in the ADN program will acquire critical thinking, leadership and advanced nursing skills that are necessary to excel in both clinic and hospital settings. Students will receive hands-on training in the classroom and in supervised clinical experiences. Students will enroll in classes such as Human Anatomy and Physiology II, Dosage Calculations, Pharmacology, Developmental Psychology, Nursing Concepts, Behavioral Health Concepts, and Microbiology. Upon completion of our program, students will be eligible to complete the National Council Licensure Examination for Registered Nurses and work as a licensed Registered Nurse.

### Acceptance Requirements:

1. A student must attain a grade C or higher and a GPA of 2.5 or higher in the following college courses:
   a. Human Anatomy and Physiology I and Lab (BIO-168), 4 credits
   b. College Chemistry and Lab (CHM-151), 4 credits
   c. Introductory Biology (BIO-103), 4 credits
2. Students must attain a grade C or higher before starting the core nursing courses
   a. Introduction to Psychology (PSY-111), 3 credits
3. Submit ACT results
   a. A composite score of 20.
   b. The composite score is based upon English, reading, mathematics, and science scores. The additional “Writing Test” is not required.
   c. Students must request ACT to send official results to the Iowa Lakes Admissions Office. Hand delivered results will not be accepted.
   d. To register for the ACT exam visit http://www.actstudent.org

### Program Details

**Enrollment Date:** Fall or Summer Term (Hybrid)

**Program Length:** 5 Terms

**Degree:** Associate in Applied Science

**Campus:** Emmetsburg

Kendra Lindloff

**Email:** klindloff@iowalakes.edu

**Phone:** 712-852-5293

### Curriculum

#### Associate Degree Nursing | AAS - 85 credits

**First Year - Summer Term** (14.00 credits)

- BIO 186 - Microbiology (4.00)
- ENG 105 - Composition I (3.00)
- MAT 157 - Statistics (4.00)
- or MAT 121 - College Algebra (4.00)
- SPC 101 - Fundamentals of Oral Communication (3.00)

**First Year - Fall Term** (17.00 credits)

- ADN 111 – Nursing Concepts I (7.00)
- HSC 151 – Dosage Calculations (1.00)
- HSC 202 – Health Informatics (2.00)
- BIO 173 – Human Anatomy & Physiology II (4.00)
- BIO 151 – Nutrition (3.00)

**First Year - Spring Term** (14.00 credits)

- ADN 212 – Nursing Concepts II (7.00)
- ADN 215 – Pharmacology Applications (4.00)
- PSY 121 – Developmental Psychology (3.00)

**Second Year - Fall Term** (14.00 credits)

- ADN 514 – Nursing Concepts III (7.00)
- ADN 413 – Behavioral Health Concepts (4.00)
- or ADN 414 – Maternal/Newborn Concepts (4.00)
- ENG 106 – Composition II (3.00)

**Second Year - Spring Term** (11.00 credits)

- ADN 415 – Nursing Concepts IV (7.00)
- ADN 413 – Behavioral Health Concepts (4.00)
- or ADN 414 – Maternal/Newborn Concepts (4.00)
MASSAGE THERAPY

PROGRAM IS BEING REVISED, NEW STUDENTS ACCEPTED BEGINNING AUGUST 2019

ABOUT

The Massage Therapy program at Iowa Lakes provides students with the knowledge and skills necessary to excel in the art and science of massage. Students will have the opportunity to earn their diploma in Massage Therapy while gaining hands-on experience. Students will have the ability to complete courses such as 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. Upon successful completion of the examination a Licensed Massage Therapist may provide services in chiropractic offices, salons, health clubs, sport centers, on cruise ships, or maintain their own business.

Salaries vary and depend upon location and conditions of employment. Typical charges for massages are $30 to $40 per half hour and $45 to $65 per hour.

Because of the emphasis on thoroughly understanding anatomy and body mechanics, the academic curriculum is challenging in addition to courses in massage techniques. If you have a 2.0 GPA, you are more likely to be successful in the program, and more likely to pass the licensure exam.

Prior to graduation, students are able to practice massage therapy skills in an open clinic in the Massage Therapy classroom on campus.

CURRICULUM

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 Terms including Practicum
Degree: Diploma
Campus: Spencer and Algona
ABOUT

Medical Assisting is a multi-skilled profession; practitioners work primarily in ambulatory settings such as a medical clinic. Medical Assistants may gain employment in a variety of locations including family practice clinics, specialty clinics, chiropractic clinics, and out-patient clinics. A successful Medical Assistant is highly motivated, has an interest in health and medicine, "people" skills, ability to multitask, excellent time management skills, attention to detail, and the ability to handle stressful and emergency situations.

High school students interested in a career as a medical assistant should take courses in biology, chemistry, anatomy, math, and computer familiarization.

Features of the program:
- Iowa Lakes Community College 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)
- Simulation clinic lab with up-to-date equipment and computer training
- Training in administrative duties such as scheduling appointments, data entry, management of electronic health records, medical coding, billing and insurance
- Training in clinical duties such as taking patient history, measurement of vital signs, assisting the provider with physical exams and minor office procedures, and administration of medication
- Training in phlebotomy, a collection of laboratory specimens, preparation and performance of CLIA waved testing
- Participate in a practicum to provide additional on-the-job training
- Graduates of the program are eligible to sit for the AAMA National Certification Exam

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 2 Terms plus practicum
Degree: Diploma
Campus: Spencer

Valerie Curry
Email: vcurry@iowalakes.edu
Phone: 712-580-8635

CURRICULUM

MEDICAL ASSISTANT SPECIALIST

Fall Term (21.00 credits)
- BIO 168 - Human Anatomy & Physiology I (4.00)
- CSC 110 - Introduction to Computers (3.00)
- COM 725 - Workplace Comm. Essentials (2.00)
- HSC 114 - Medical Terminology (3.00)
- HSC 151 - Dosage Calculations (1.00)
- 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)
- HIT 242 - Coding I (ICD 10) (3.00)
- MAP 117 - Medical Office Management II (3.00)
- MAP 128 - Automated Medical Office (2.00)
- MAP 235 - Medical Laboratory Procedures (4.00)
- MAP 350 - Career Preparation Medical Assistants (1.00)
- MAP 545 - Clinical Assisting II (3.00)

Summer Term (4.00 credits)
- HSC 192 - Emergency Preparedness (1.00)
- MAP 941 - Medical Assistant Practicum (3.00)
There remains a high demand for certified, skilled professionals in medical offices and other facilities. Graduates of the Medical Office Technology program may work in a variety of settings including medical clinics, hospitals, chiropractic clinics, dental offices, billing and insurance services. Success in this program and field requires being highly motivated, an interest in health and medicine, “people” skills, ability to multitask, excellent time management skills, and attention to detail.

Health information professionals perform a variety of clerical and organizational tasks such as scheduling appointments, data entry, organization and management of health information and medical records by ensuring quality, accuracy, accessibility, and security in both paper and electronic systems. They use various classification systems to code medical diagnoses and treatment for reimbursement purposes, handle general billing and accounts, file insurance, and assist with transcription. Good communication skills are necessary to work with patients, physicians, medical staff, vendors and insurance companies. Most work in comfortable office settings while others may work remotely from home.

High school students interested in a career as a medical office technologist should take courses in biology, anatomy, math, English, and computer familiarization.

Features of the program include:

- Simulation clinic lab with up-to-date equipment and computer training
- Training in administrative duties such as scheduling appointments, data entry, management of the electronic health record, medical coding, billing and insurance
- Graduates of the program may apply for a variety of certification exams in transcription, coding, insurance and billing specialist

**Enrollment Date:** Fall Term  
**Program Length:** 2 Terms  
**Degree:** Diploma  
**Campus:** Spencer

Valerie Curry  
**Email:** vcurry@iowalakes.edu  
**Phone:** 712-580-8635

**MEDICAL OFFICE TECHNOLOGY**

<table>
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<tr>
<th>Fall Term (20.00 credits)</th>
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<tbody>
<tr>
<td>BIO 168 – Human Anatomy &amp; Physiology I (4.00)</td>
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<tr>
<td>CSC 110 – Introduction to Computers (3.00)</td>
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<tr>
<td>COM 725 – Workplace Comm. Essentials (2.00)</td>
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<tr>
<td>or ENG 105 – English Composition I (3.00)</td>
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<td>HIT 244 – CPT Coding (3.00)</td>
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<tr>
<td>HSC 114 – Medical Terminology (3.00)</td>
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<td>MAP 111 – Medical Office Management I (3.00)</td>
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<tr>
<td>MAP 512 – Medical Assisting Pharmacology (2.00)</td>
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<tr>
<th>Spring Term (21.00 credits)</th>
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<tr>
<td>ADM 220 – Career Development Skills (1.00)</td>
</tr>
<tr>
<td>BIO 175 – Human Anatomy &amp; Physiology II (4.00)</td>
</tr>
<tr>
<td>BUS 110 – Business Math and Calculators (3.00)</td>
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<tr>
<td>HIT 245 – Basic ICD 10 Coding (3.00)</td>
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<tr>
<td>HIT 601 – Medical Transcription (2.00)</td>
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<tr>
<td>HSC 217 – Introduction to Pathology (3.00)</td>
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<tr>
<td>MAP 128 – Automated Medical Office (2.00)</td>
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<td>MAP 141 – Medical Insurance (3.00)</td>
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Surgical Technologists are integral members of the surgical team who work closely with surgeons, anesthesiologists, registered nurses, and other surgical personnel in delivering patient care and assuming appropriate responsibilities before, during, and after surgery. Scrub, circulating, and second assisting surgical technologists, have the primary responsibility of maintaining the sterile field, and being constantly vigilant that all members of the team adhere to aseptic technique.

It is recognized that not all surgical technology practitioners fill the roles of circulator and second assistant. It is imperative, however, that the surgical technology student be educated in all aspects of surgical technology identified by the following duties and the curriculum content selection.

**SCRUB SURGICAL TECHNOLOGIST**
The scrub surgical technologist handles the instruments, supplies, and equipment necessary during the surgical procedure. He/she has an understanding of the procedure being performed and anticipates the needs of the surgeon. He/she has the necessary knowledge and ability to ensure quality patient care during the operative procedure and is constantly on vigil for maintenance of the sterile field.

**CIRCULATING SURGICAL TECHNOLOGIST**
The circulating surgical technologist obtains additional instruments, supplies, and equipment necessary while the surgical procedure is in progress. He/she monitors conditions in the operating room and constantly assesses the needs of the patient and surgical team.

**SECOND ASSISTING SURGICAL TECHNOLOGIST**
The 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.

**SURG TECH**
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) upon the recommendation of the Accreditation Review Committee on Education Surgical Technology and Surgical Assisting (ARCSTSA).

**SURG TECH ADMISSION REQUIREMENTS**
- High school diploma or HSED
- Official high school and/or college transcripts
- Complete Iowa Lakes Community College Application for Admission
- Advising session with the program coordinator
- Complete an Accuplacer examination prior to starting the program
- Physical examination and FBI background check are required prior to starting the program
- Maintain a “C” average or better in all courses to continue in the program

**PROGRAM DETAILS**

**Enrollment Date:** Fall Term  
**Program Length:** 3 or 5 Terms  
**Degree:** Diploma or Associate in Applied Science  
**Campus:** Spencer

Dana Grafft  
**Email:** dgrafft@iowalakes.edu  
**Phone:** 712-580-8624

**CURRICULUM**

**SURGICAL TECHNOLOGY | AAS - 76 credits**

**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 (5.00)

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

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

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

- BUS 161 – Human Relations (3.00)
- SPC 101 – Fundamentals of Oral Communication (3.00)

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

- SUR 430 – Microbiology For Surgical Technology (2.00)
- SUR 129 – Surgical Foundations (6.00)
- SUR 125 – Patient Care Concepts (2.00)
- SUR 131 – Surgical Foundations Lab (4.00)
- Elective: PHI 105 – Introduction to Ethics (3.00)

**Second Year – Spring Term (14.00 credits)**

- ADM 220 – Career Development Skills (1.00)
- SUR 225 – 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)
## ABOUT

The Auto Collision and Paint Repair Technology program at Iowa Lakes provides students with the opportunity to earn an Associate in Applied Science Degree or a Diploma in Auto Collision and Paint Technology.

Students will develop the skills needed to repair vehicles involved in collisions, large or small, and will be trained using state-of-the-art techniques and equipment. In addition to coursework, students will have the opportunity to gain practical experience with on-the-job training.

Upon completion of the program, students will be proficient in welding, unibody repair, plastic repair, panel bonding, glass replacement and vehicle detailing. Students will also learn to mix paint with our PPG Paint Mixing System and will develop professional techniques in spray painting, tinting and blend and other modern refinishing strategies.

## CAREERS

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

## CURRICULUM

### AUTO COLLISION AND PAINT REPAIR TECHNOLOGY | AAS - 76 credits

### First Year - Fall Term (21.00 credits)
- CRR 302 – Introduction to Collision Repair (2.00)
- BUS 161 – Human Relations (3.00)
- CRR 326 – Sheet Metal Repair Theory (3.00)
- CRR 327 – Sheet Metal Repair Lab (2.00)
- CRR 421 – Non-Structural Repair Theory (3.00)
- CRR 422 – Non-Structural Repair Lab (2.00)
- CRR 203 – Plastic Repair Theory (2.00)
- CRR 351 – Collision Lab I (2.00)
- WEL 334 – Trade and Industry Welding (2.00)

### First Year - Spring Term (16.00 credits)
- 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 859 – Refinishing II Lab (3.00)
- COM 725 – Workplace Comm. Essentials (2.00)
- CRR 908 – Cooperative Education (2.00)

### First Year - Summer Term (12.00 credits)
- CRR 740 – 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)
- CRR 352 – Collision Repair Lab II (2.00)
- MAT 770 – Applied Math (2.00)

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

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

## PROGRAM DETAILS

**Enrollment Date:** Fall & Spring Term  
**Program Length:** 3 or 5 Terms  
**Degree:** Diploma or Associate in Applied Science  
**Campus:** Emmetsburg

Rob Schultz  
**Email:** rschultz@iowalakes.edu  
**Phone:** 712–852–5236
AUTOMOTIVE TECHNOLOGY

ABOUT

The Automotive Technology program at Iowa Lakes provides students with the knowledge and skill set needed to diagnose and service the many complex operating systems of today’s automobiles.

Students will have the opportunity to learn using state-of-the-art equipment that is consistent with industry standards and computer technology. Students will receive training on engine systems, transmissions, steering and suspension, electronic and electrical systems, fuel injection brakes and shop safety. The Automotive Technology program is certified as a Master Auto Repair program with the NATEF, with certification opportunities in eight different areas.

CAREERS

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

CURRICULUM

AUTOMOTIVE TECHNOLOGY  AAS - 83 credits

First Year - Fall Term (18.00 credits)
AUT 115 – Automotive Shop Safety (1.00)
AUT 104 – Introduction to Automotive Technology (5.00)
AUT 600 – Intro to Electrical Systems & Testing (3.00)
AUT 608 – Automotive Electrical (5.00)
AUT 651 – Advanced Automotive Electrical (3.00)
WEL 354 – Trade & Industry Welding (2.00)
MAT 772 – Applied Math (5.00)

First Year - Spring Term (18.00 credits)
AUT 180 – Engine Repair Theory (5.00)
AUT 184 – Brakes Lab (5.00)
AUT 186 – Engine Repair Lab (5.00)
AUT 510 – Brakes Theory (2.00)
AUT 704 – Auto Heating and Air Conditioning (4.00)
COM 725 – Workplace Communications (5.00)

First Year - Summer Term (10.00 credits)
AUT 412 – Automotive Suspension and Steering (3.00)
AUT 415 – Auto Suspension and Steering Lab (5.00)
AUT 890 – Auto Tech On-the-Job Training (4.00)

Second Year - Fall Term (19.00 credits)
AUT 212 – Automotive Automatic Transmissions/Transaxles Theory (4.00)
AUT 215 – Automotive Automatic Transmissions/Transaxles Lab (5.00)
AUT 260 – Manual Transmission Theory (3.00)
AUT 315 – Auto Manual Drive Train and Axles Lab (5.00)
BUS 161 – Human Relations (5.00)
BAC 212, CSC 110 – Computer Applications or other Business Related such as, ACC 111 or BUS 130 (5.00)

Second Year - Spring Term (18.00 credits)
AUT 851 – Auto Engine Performance Diagnosis (3.00)
AUT 834 – Automotive Fuel Systems (4.00)
AUT 827 – Automotive Ignition Systems (4.00)
AUT 842 – Auto Computerized Engine Controls (4.00)
BUS 126 – Business Principles (5.00)

PROGRAM DETAILS

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

Jason Jacobson
Email: jjacobson@iowalakes.edu
Phone: 712-852-5348
CONSTRUCTION TECHNOLOGY

ABOUT

The Construction Technology program at Iowa Lakes is a dual track program. Students have the opportunity to receive a Diploma and/or an Associate in Applied Science Degree in Construction Technology.

The Construction Technology program at Iowa Lakes provides students with the knowledge and skills needed to be successful in the residential or light commercial contracting fields. Students will have the opportunity to receive hands-on training while completing off-campus projects. These projects may include building a new home, home additions or various other projects.

Our program offers a wide variety of coursework options. Some of these options include safety certifications, blueprint reading, framing, drywall installation, trim, interior and exterior finish work, estimating, home design and CAD operation.

CAREERS

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

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 or 5 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Corey Menning
Email: cmenning@iowalakes.edu
Phone: 712-852-5341

CURRICULUM

CONSTRUCTION TECHNOLOGY  AAS - 72 credits

First Year - Fall Term (18.00 credits)
CON 115 - 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 500 - Optimum Value Engr - Adv. Framing (1.00)
CON 217 - Exterior Finishing (3.00)
HSC 134 - First Aid/CPR (1.00)

First Year - Spring Term (18.00 credits)
CON 106 - Construction Welding (1.00)
or CON 120 - Construction Estimating (1.00)
CON 238 - Techniques of Exterior Covering (4.00)
COM 725 - Workplace Comm. Essentials (2.00)
or ENG 105 - English Composition I (3.00)
CON 228 - Methods of Interior Finishing & Lab (3.00)
CON 229 - Installation of Interior Finishing (5.00)
BUS 161 - Human Relations (3.00)
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)
SPC 101 - Fund of Oral Communication (5.00)
CON 932 - Construction Internship II (3.00)
Business or Construction electives: (9.00)

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

CAREERS

General Contractor
Estimator
Construction Management
Building Inspector
Maintenance
Self Employment
Real Estate
Insurance Adjuster

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 or 5 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Corey Menning
Email: cmenning@iowalakes.edu
Phone: 712-852-5341

CURRICULUM

CONSTRUCTION TECHNOLOGY  AAS - 72 credits

First Year - Fall Term (18.00 credits)
CON 115 - 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 500 - Optimum Value Engr - Adv. Framing (1.00)
CON 217 - Exterior Finishing (3.00)
HSC 134 - First Aid/CPR (1.00)

First Year - Spring Term (18.00 credits)
CON 106 - Construction Welding (1.00)
or CON 120 - Construction Estimating (1.00)
CON 238 - Techniques of Exterior Covering (4.00)
COM 725 - Workplace Comm. Essentials (2.00)
or ENG 105 - English Composition I (3.00)
CON 228 - Methods of Interior Finishing & Lab (3.00)
CON 229 - Installation of Interior Finishing (5.00)
BUS 161 - Human Relations (3.00)
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)
SPC 101 - Fund of Oral Communication (5.00)
CON 932 - Construction Internship II (3.00)
Business or Construction electives: (9.00)

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

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 ten years.

At Iowa Lakes Community College, the Electrical Technology program provides students with the knowledge and skills needed to pursue a career as an electrician. Upon completion of our program, students will earn an Associate of Applied Science degree in Electrical Technology and will enter the workforce as an apprentice electrician.

As an apprentice electrician, you are under the supervision of a Journeyman or Master Electrician. Most states require that an apprentice electrician obtain 8000 hours of on-the-job training before they may take the electrical examination. Our graduates acquire 2080 hours of that required time.

Students enrolled in the Electrical Technology program at Iowa Lakes, learn from a broad curriculum that emphasizes both core and specialized skills as required by industry standards. Students will receive training in power generation, electric motors and controls, renewable energy power systems, HVAC controls, and programmable logic control systems. Students also will learn about the National Electrical Code and how to perform electrical work within the residential, commercial, and industrial electronics sectors.

If you are looking for a challenging and rewarding career option in a growing field, with many opportunities for advancement, there is no better time than now, to learn to be an electrician.

CURRICULUM

Program Details

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

Doug Zemler
Email: dzemler@iowalakes.edu
Phone: 712-362-8376

ELECTRICAL TECHNOLOGY | AAS - 62 credits

First Year – Fall Term (19.00 credits)

- ELE 155 – National Electric Code I (2.00)
- ELE 119 – Basic Electricity I (4.00)
- ELE 181 – Residential Electric/Electronic Sys (4.00)
- SER 101 – Energy, Sustainability, and the Env (3.00)
- SER 114 – Blueprint Reading (1.00)
- SER 116 – Career Seminar (1.00)
- SER 124 – Industrial Safety and Workplace Env (1.00)
- MAT 743 – Technical Mathematics (3.00)

First Year – Spring Term (20.00 credits)

- ELE 156 – National Electrical Code II (2.00)
- ELE 156 – Basic Electricity II (4.00)
- ELE 354 – Commercial Electric/Electronic Sys (3.00)
- ELE 226 – Electric Motors and Generators (4.00)
- COM 755 – Technical Communication (3.00)
- PHY 709 – Introduction to Technical Physics (4.00)

First Year – Summer Term (6.00 credits)

- ELE 946 – Electrical Technology Internship (6.00)

Second Year – Fall Term (19.00 credits)

- ELE 158 – National Electrical Code III (2.00)
- ELE 183 – Electrical Practical Applications (4.00)
- ELE 309 – Digital Circuits (3.00)
- WTT 216 – Power Gen and Transmission (3.00)
- NET 148 – Basic Networking & Computer Tech (3.00)
- HCR 415 – Controls for HVACR (3.00)
- SER-117 Estimating for the Trades (1.00)

Second Year – Spring Term (18.00 credits)

- ELE 255 – National Electrical Code IV (2.00)
- ELE 242 – Programmable Logic Control Sys (4.00)
- ELE 557 – Industrial Electrical/Electronic Sys (3.00)
- SER 107 – Sustainable Energy Technologies (3.00)
- MGT 101 – Principles of Management (3.00)
- BUS 161 – Human Relations (3.00)
ENGINEERING TECHNOLOGY

ABOUT

The Engineering Technology program at Iowa Lakes provides you with the knowledge and skills needed to pursue engineering careers in industrial automation, process control and robotics as an application technician. Our program offers a broad curriculum that emphasizes both core and specialized skills required by the industry.

Specifically, the program provides you with a strong foundation in electronics, programmable logic control, design, programming and implementation of technology used in many industrial disciplines. Along with some of the advanced automated technology, you are exposed to renewable energy and power distribution, together with lean manufacturing principles, all of which prepares you with a broad knowledge base to pursue entry-level positions in the advanced automation field.

Our program provides building education in Automation while offering training in other areas.

CAREER AREAS

As a graduate, you are familiar with the processes and equipment associated with production including mechanical, pneumatic, electrical, electronic, and computers usually in combination. You are prepared for a wide variety of careers including:

- Electronics Engineering Technician
- Industrial Engineering Technician
- Mechanical Engineering Technician
- Plant Systems Technician
- Robotics Technician
- Computer Engineering Technician
- Electrician
- Ethanol Manufacturing Maintenance Technician
- Biodiesel Manufacturing Maintenance Technician

CURRICULUM

ENGINEERING TECHNOLOGY AAS - 77 credits

First Year – Fall Term (16.00 credits)
- CIS 125 – Intro to Programming w/Language (3.00)
- EGT 114 – Introduction to Engineering Tech (5.00)
- ELE 119 – Basic Electricity I (4.00)
- SER 114 – Blueprint Reading (1.00)
- SER 116 – Career Seminar (1.00)
- MAT 743 – Technical Mathematics (3.00)

First Year – Spring Term (19.00 credits)
- ELE 242 – Programmable Logic Control Sys (4.00)
- ELE 156 – Basic Electricity II (4.00)
- ELE 226 – Electric Motors and Generators (4.00)
- ELT 509 – Digital Circuits (3.00)
- PHY 709 – Introduction to Technical Physics (4.00)

First Year – Summer Term (7.00 credits)
- EGT 946 – Engineering Technology Internship I (6.00)
  Or EGT 934 – Engineering Tech Internship II (4.00)
- EGT 950 – Engineering Tech Seminar (2.00)
  or Humanities (3.00)

Second Year – Fall Term (16.00 credits)
- ATR 105 – Industrial Robotics (5.00)
- EGT 117 – Fluid Power Fundamentals (2.00)
- EGT 125 – Advanced PLC (5.00)
- ELE 183 – Electrical Practical Applications (4.00)
- MFG 505 – Lean Manufacturing (1.00)
- NET 148 – Basic Networking and Computer Tech (3.00)

Second Year – Spring Term (19.00 credits)
- ATR 106 – Motion Control (5.00)
- ATR 253 – Robotic Programming (5.00)
- BUS 161 – Human Relations (3.00)
- BUS 121 – Business Communications (3.00)
- EGT 137 – Fluid Power Control (4.00)
- CIS 141 – Computer Science (3.00)

PROGRAM DETAILS

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

Chad Tischer
Email: ctischer@iowalakes.edu
Phone: 712-362-8366
ABOUT

The Farm Equipment and Diesel Technology program at Iowa Lakes provides students with the opportunity to earn an Associate in Applied Science Degree in Farm Equipment and Diesel Technology.

Students will take part in a comprehensive study in all aspects of farm equipment and diesel maintenance and repair. Students will become skilled in the following areas: 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.

Students will be knowledgeable in all aspects of fuel systems; gasoline and diesel, injection pumps, injectors, common rail systems, hydraulics pressure testing, flow rating systems and diagnostics, electrical fundamentals, wiring, charging and starting systems, and diagnostics. Students will have the opportunity to take part in on the job training and earn money while completing this portion of their coursework.

CAREERS

Farm Equipment Dealerships
Self Employment
Factory Technician

PROGRAM DETAILS

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

Dan Bredeson
Email: dbredeson@iowalakes.edu
Phone: 712-852-5353

Troy Kleve
Email: tkleve@iowalakes.edu
Phone: 712-852-5345

CURRICULUM

FARM EQUIPMENT AND DIESEL TECHNOLOGY | AAS - 78 credits

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

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

| First Year – Summer Term (11.00 credits) |
| AGM 416 – Combine and Implement Repair and Adjustment (4.00) |
| AGM 420 – Fuel Systems (2.00) |
| AGM 421 – Fuel Systems Lab (5.00) |
| WEL 354 – Trade and Industry Welding (2.00) |

| Second Year – Fall Term (16.00 credits) |
| AGM 114 – Hydraulics I (2.00) |
| AGM 115 – Hydraulic Components Lab (5.00) |
| AGM 116 – Fundamentals of Hydraulic (5.00) |
| 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 503 – Electrical Components Lab (3.00) |
| AGM 850 – Dealership Experience (2.00) |
| AGM 500 – Fundamentals of Electricity (3.00) |
| AGM 501 – Fundamentals of Electricity Lab (2.00) |
| AGM 502 – Electrical Components (2.00) |
| BUS 126 – Business Principles (5.00) |
As more emphasis is placed on energy efficiency and sustainability, the HVAC industry is being challenged to create and utilize innovative methods to heat, cool, and ventilate homes and businesses, whether small or large. Accordingly, today’s HVAC technician is required to possess both a strong knowledge of HVAC systems as a whole, together with a solid understanding of emerging technology and how the HVAC industry leverages that emerging technology in the installation, maintenance, and repair of HVAC equipment.

In an effort to meet the needs for trained HVAC technicians, Iowa Lakes Community College established the HVAC Technology program in the spring of 2013. This is one of several new programs being established by the college to address the workplace training needs of the sustainable energy, natural resources management, and industrial technology fields.

The purpose of this two-year program is to prepare you for a career in HVAC technology. Program coursework allows you to graduate with the knowledge, skills, and practical experience you need to pursue your career goals in this growing and changing field. Upon graduation, you are prepared to enter the workforce as an entry-level HVAC technician.

During your first year, you receive training in a variety of core industrial and technical skills, such as electrical skills and blueprint reading. On-the-job work experience during the summer term, together with the advanced coursework during the second year of study, provides you with a broad and solid skill set that is required of HVAC technicians. As part of your studies, you learn about HVAC systems as a whole; study and perform work on different types of HVAC systems; utilize technology in the installation, maintenance, and repair of HVAC equipment; and diagnose and repair HVAC systems. So, whether you’re looking for a “cool” or “hot” career, HVAC technology is for you!
ABOUT

The Marine Engine Technology Program at Iowa Lakes is a dual track program where students have the opportunity to receive a diploma or an Associate in Applied Science degree in Marine Engine Technology. The diverse training in our program prepares students to repair snowmobiles, personal watercraft, inboard engines, outboard engines and stern drive engines. Classroom time is spent on theory, proper procedures and safety. Lab time is spent with hands-on instruction using the latest recreational equipment available. We are industry supported by the following corporations; Arctic Cat, BRP, Mercury, Polaris, Snap-On, Yamaha and Volvo Penta. Students will have the opportunity to receive industry training through the on-the-job training segment of our curriculum.

CAREERS

Marinas
National Marine Corporations
Marine Manufacturers
Snowmobile Manufacturer/Dealer

Personal Watercraft Dealerships
Parts Distributors
Sales
Self Employment

CURRICULUM

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 or 5 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Rick Brichta
Email: rbrichta@iowalakes.edu
Phone: 712-852-5202

First Year – Fall Term (19.00 credits)
- MSE 164 – Marine Engine 2 & 4-Stroke Theory (2.00)
- MSE 165 – Marine Engine 2 & 4-Stroke Theory L (2.00)
- MSE 153 – Fund of Electricity Theory and Lab (5.00)
- MSE 154 – Intro to Power Generators (1.00)
- 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 173 – Marine Fuel Sys Theory and Lab (3.00)
- BUS 161 – Human Relations (3.00)

First Year – Spring Term (17.00 credits)
- COM 725 – Workplace Communications (5.00)
- MSE 185 – Personal Water Craft Systems (5.00)
- MSE 190 – Marine Electrical Sys Theory/ Lab (4.00)
- MSE 148 – Introduction to Marine Detailing (1.00)
- MSE 159 – Snowmobile Systems (5.00)
- MSE 169 – Marine Drive Systems Theory and Lab (5.00)

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

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

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

Second Year – Spring Term (15.00)
- Concentration Electives — (15.00)
ABOUT

The Parts Sales & Inventory Control program at Iowa Lakes trains people for employment in automotive parts departments of automobile, truck and farm equipment dealerships, marine and small engine repair shops and auto supply stores.

Computer training provides opportunities for employment in parts houses with sophisticated inventory access and control systems.

CAREERS

Parts Salesperson
Stock Clerk
Sales Representative, Wholesale & Manufacturing

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 3 Terms
Degree: Diploma
Campus: Emmetsburg

Denise Reimer
Email: dreimer@iowalakes.edu
Phone: 712–852–5258

Gavin Ilg
Email: gfillg@iowalakes.edu
Phone: 712–852–5205

CURRICULUM

<table>
<thead>
<tr>
<th>PARTS SALES &amp; INVENTORY CONTROL</th>
<th>DIPLOMA</th>
<th>41 credits</th>
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<tbody>
<tr>
<td><strong>First Term</strong> (19.00 credits)</td>
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<tr>
<td>CSC 110 – Introduction to Computers (3.00)</td>
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<td>MAT 772 – Applied Math (3.00)</td>
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<tr>
<td>MKT 140 – Principles of Selling (3.00)</td>
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<tr>
<td>PAR 113 – Parts Catalog &amp; Lab (3.00)</td>
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<td>PAR 123 – Parts System &amp; Lab (4.00)</td>
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<td>Elective (3.00)</td>
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<td><strong>Second Term</strong> (17.00 credits)</td>
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<td>ACC 111 – Introduction to Accounting (3.00)</td>
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<td>BUS 161 – Human Relations (3.00)</td>
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<td>COM 725 – Workplace Comm. Essentials (2.00)</td>
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<td>MGT 101 – Principles of Management (3.00)</td>
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<td>MKT 150 – Principles of Advertising (3.00)</td>
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<tr>
<td>PAR 124 – Inventory Control &amp; Lab (5.00)</td>
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<tr>
<td><strong>Third Term</strong> (5.00 credits)</td>
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<tr>
<td>BUS 952 – Practicum (5.00)</td>
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ABOUT

The Powersports and Power Equipment Technology program at Iowa Lakes is a dual track program where students have the opportunity to earn a Diploma or an Associate in Applied Science Degree in Powersports and Power Equipment Technology. Students will study to become technicians, acquiring the skills needed to repair a variety of two- and four-cycle engines, powertrains and chassis. Students will be able to maintain and repair powersport vehicles such as motorcycles, sport utility vehicles, all-terrain vehicles, and personal watercraft. Students will also acquire the skills needed to maintenance and repair power equipment including lawn and garden equipment such as chainsaws and light industrial/commercial equipment such as generators.

CURRICULUM

POWERSPORTS & POWER EQUIPMENT TECHNOLOGY

<table>
<thead>
<tr>
<th>AAS - 80 credits</th>
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**First Year – Fall Term** (19.00 credits)
MSE 143 – Small Engines Theory (3.00)
MSE 146 – Small Engines Laboratory (3.00)
MOT 151 – Shop Safety and Procedures (1.00)
MOT 153 – Fundamentals of Electricity (3.00)
MSE 155 – Drive System Fund Theory/Lab (3.00)
BUS 161 – Human Relations (3.00)
HSC 134 – First Aid/CPR (1.00)
WEL 334 – Trade and Industry Welding (2.00)

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

**Summer Term** (7.00 credits)
MOT 146 – Motorcycle Ignition and Electrical Systems Theory and Lab (3.00)
MOT 910 – Cooperative Work Experience (4.00)

**Option 1: Advanced Powersports and Small Engine Second Year – Fall Term** (19.00 credits)
MOT 202 – ATV Systems (3.00)
MOT 205 – Motorcycle and ATV Tune Up and Maintenance (4.00)
MOT 211 – Advanced Drivability & Troubleshooting (4.00)
MOT 240 – Dyno Analysis (2.00)
BUS 126 – Business Principles (3.00)
BAC – 212 Computer Business Applications (3.00)

**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)

**Option 2, Advanced Business:**
**Third Year – Fall Term** (15.00)
SPC 101 – Fundamentals of Oral Communication (5.00)
ENG 105 – English Comp I (5.00)
ACC 111 – Intro to Accounting (3.00)
BUS 183 – Business Law (3.00)
CSC 110 – Intro to Computers (3.00)

**Third Year – Spring Term** (18.00)
MGT 101 – Principles of Management (5.00)
Business Electives (15.00)

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
**Campus:** Emmetsburg

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

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

In the past several decades, the management of water resources has become one of the most pressing issues facing human civilization. On a global scale, water shortages and chronic water pollution problems have grown to epic proportions. Even in the United States, a country with one of the most sophisticated water resource management programs in the world, the concern is growing over water quantity and water quality issues. As concern over these issues has grown, so has the career opportunities for individuals trained in water quality technology.

In an effort to meet the needs for trained technicians in the water quality area, Iowa Lakes Community College established the Water Quality and Sustainable Aquatic Resources program in the spring of 2013. This is one of several new programs being established by the college to address the workplace training needs of the sustainable energy, natural resources management, and industrial fields.

The purpose of this two-year program is to prepare you for a career in water quality technology. To accomplish this, you’re exposed to a wide range of science, technology, and general education courses. Program coursework allows you to graduate with the knowledge, skills, and practical experience you need to pursue your career goals in this vitally critical and growing field. Upon graduation, you are prepared to enter directly into the workforce as a water quality technician.

During your first year, you receive training in a variety of general industrial skills areas such as electrical and blueprint reading. On-the-job work experience during the summer term combined with traditional classes during the second year provide a variety of specific professional skills. As part of your studies, students will visit water processing and wastewater treatment facilities, analyze the physical, chemical, and biological parameters of water, evaluate the effectiveness of water processing and wastewater treatment techniques, and learn how to operate and manage water processing and wastewater treatment systems.

## PROGRAM DETAILS

**Enrollment Date:** Fall Term  
**Program Length:** 2 or 5 Terms  
**Degree:** Diploma & Associate in Applied Science  
**Campus:** Estherville

Drew Howing  
**Email:** dhowing@iowalakes.edu  
**Phone:** 712-362-7978

## CURRICULUM

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

- ELE 119 – Basic Electricity I (4.00)  
- MAT 743 – Technical Mathematics (3.00)  
- SER 101 – Energy, Sustainability & the Environment (3.00)  
- SER 114 – Blueprint Reading (1.00)  
- SER 116 – Career Seminar (1.00)  
- BIO 113 – General Biology I (4.00)

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

- ELE 136 – Basic Electricity II (4.00)  
- ELE 226 – Electric Motors and Generators (4.00)  
- BIO 112 – General Biology II (4.00)  
- EVS 173 – Introduction to Water Resources (3.00)  
- COM 723 – Technical Communications (3.00)

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

- EVS 946 – Water Quality Internship (6.00)

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

- CSC 110 – Introduction to Computers (3.00)  
- EVS 214 – Water Quality Analysis (4.00)  
- EVS 224 – Water Distribution and Wastewater Collection Systems (4.00)  
- ELE 183 – Electrical Practical Applications (4.00)  
- BUS 161 – Human Relations (3.00)

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

- EVS 205 – Water Quality Seminar (1.00)  
- EVS 274 – Water Processing (5.00)  
- EVS 284 – Wastewater Treatment (5.00)  
- MGT 101 – Principles of Management (3.00)  
- ELE 242 – Programmable Logic Control (4.00)
WELDING TECHNOLOGY

ABOUT

The Welding Technology program at Iowa Lakes Community College is a competency-based program where students learn through a hands-on experience within a state-of-the-art lab. Students will become skilled in welding processes needed for a career in today’s welding profession. Some of these processes include; Oxy Fuel Welding and Cutting, Brazing and Soldering, Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding and Pipe Welding. Students will learn special processes such as Robotics and Flux Corded Arc Welding. The Iowa Lakes Welding program utilizes a Virtual Welder for students who need extra time in the lab. The Virtual Welder provides students with the opportunity to weld virtually with the SMAW and GMAW processes and to receive scoring based upon their performance. Iowa Lakes Community College is an accredited testing facility which means that students obtain welding certification while attending school.

CAREERS

Manufacturing
Pipeline Welding
Self Employment
Fabrication
Ship Construction
Structural Steel Worker

CURRICULUM

PROGRAM DETAILS

Enrollment Date: Fall Term
Program Length: 2 Terms
Degree: Diploma
Campus: Emmetsburg

Emily Gottsche
Email: egottsche@iowalakes.edu
Phone: 712-852-5272

WELDING TECHNOLOGY | Diploma - 38 credits

Fall Term (18.00 credits)
- BUS 161 - Human Relations (3.00)
- WEL 121 - Oxy Fuel Welding and Cutting (4.00)
- WEL 228 - Introduction to Welding, Safety & Health of Welders: SENSE1 (1.00)
- WEL 254 - Welding Inspection and Testing Principles: SENSE1 (1.00)
- WEL 235 - Print Reading and Welding Symbol Interpretation: SENSE1 (3.00)
- WEL 275 - Shielded Metal Arc Welding II: SENSE1 (3.00)
- WEL 274 - Shielded Metal Arc Welding I: SENSE1 (5.00)

Spring Term (20.00 credits)
- COM 725 - Workplace Communications Essentials (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 255 - Gas Tungsten Arc Welding for Austenitic Stainless Steel: SENSE1 (1.00)
- WEL 310 - Pipe Welding (5.00)
ABOUT

The Criminal Justice program provides students with the tools needed for immediate employment after graduation or the option of transfer to a four-year college. Field experience allows you to have on-the-job training and exposure, in addition to classroom instruction.

You have the opportunity to receive specialized training in your field through seminars and independent study. Criminal Justice professionals working in the field are often invited to enhance these courses. You can also augment your education by participating in specially designed in-service training courses offered for currently employed law enforcement and corrections officers.

The recently remodeled Criminal Justice Building now accommodates facilities for new classrooms. Simulation labs meet the needs of all Criminal Justice students.

Any student interested in law enforcement should determine if they meet the minimum hiring standards for the State of Iowa. These are contained in the Code of Iowa, Section 80B.11D. Visit the Iowa Law Enforcement Academy website for current physical standards as well as other pertinent information.

Upon graduation you can choose either to attend a four-year college or university or immediately begin work. Advisers help with transfer requirements.

CURRICULUM

CRIMINAL JUSTICE | AAS - 68 credits

First Year – Fall Term (18.00 credits)
- CRI 201 – Juvenile Delinquency (5.00)
- CRI 100 – Introduction to Criminal Justice (5.00)
- CRI 200 – Criminology (5.00)
- ENG 105 – English Composition I (3.00)
- PEA Elective (1.00)
- CJ Concentration courses: choose (3.00)
  - CRJ 170 – Overview of Cybercrime (3.00)
  - CRJ 141 – Criminal Investigation (3.00)
  - CRJ 136 – Correctional Law (3.00)
  - CRJ 208 – Introduction to Private Security (3.00)
  - CRJ 110 – Patrol Procedures (3.00)
  - CRJ 120 – Introduction to Corrections (3.00)
  - CRJ 220 – Community-Based Corrections (3.00)
  - JOU 171 – Introduction to Photography (3.00)
  - CRJ 901 – CJ with the Expert (1.00)

First Year – Summer Term (5.00 credits)
- CRI 219 – Field Experience II (5.00)

Second Year – Fall Term (17.00 credits)
- CRI 123 – Service Learning Project (1.00)
- CRI 130 – Criminal Law (5.00)
- CRI 207 – Drug Use and Abuse (5.00)
- PEA Elective (1.00)
- CJ Concentration course: (3.00)
  - Social Science (6.00)

Second Year – Spring Term (15.00 credits)
- CRI 133 – Constitutional Criminal Procedures (3.00)
- CRI 250 – Firearms (1.00)
- PEA Elective (1.00)
- CJ Concentration Course: (3.00)
  - Humanities (3.00)
  - Science (4.00)

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)
- PEA Elective (1.00)
- CJ Concentration course: (1.00)
- MAT 110 – Math for Liberal Arts (3.00)
- SPC 122 – Interpersonal Communication (3.00)

PROGRAM DETAILS

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

Sonja Fagre
Email: sfagre@iowalakes.edu
Phone: 712-362-7986

Chris Gerstbrein
Email: cgerstbrein@iowalakes.edu
Phone: 712-362-7981
EARLY CHILDHOOD EDUCATION

ABOUT

The Early Childhood Education program at Iowa Lakes is a dual track program. Students have the opportunity to receive an Associate in Applied Science Degree or a Diploma in Early Childhood Education. Our program offers students the opportunity to be involved in field experiences in the early childhood setting and a wide variety of coursework options. Some of the coursework options include Child Growth and Development, Child Health, Safety and Nutrition, Early Childhood Professionals, Infant/Toddler Care and Development and Early Childhood Administration. Students will broaden their background knowledge in general education and will develop an awareness of current issues within the education field.

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: 3 – 5 Terms
Degree: Diploma or Associate in Applied Science
Campus: Emmetsburg

Melissa Regelstad
Email: mregelstad@iowalakes.edu
Phone: 712–852–5289

CURRICULUM

EARLY CHILDHOOD EDUCATION  AAS - 68 credits

First Year – Fall Term (17.00 credits)
ECE 112 – Portfolio Development I (1.00)
ECE 170 – Child Growth and Development (3.00)
ECE 103 – Intro to Early Childhood Education (3.00)
ECE 245 – Early Childhood Guidance (3.00)
ECE 110 – Early Childhood Professionals I (1.00)
ECE 133 – Child Health, Safety and Nutrition (3.00)
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 (5.00)
ECE 262 – Early Childhood Field Experience (5.00)
SPC 101 – Fundamentals of Oral Communication (3.00)
FLS 104 – Spanish for Prof (Early Education) (2.00)

Second Year – Fall Term (17.00 credits)
ECE 140 – Early Childhood Curriculum Planning (5.00)
ECE 290 – Early Childhood Program Admin (3.00)
ECE 210 – Early Childhood Professionals III (1.00)
ENG 106 – English Composition II (3.00)
Science (4.00)
Humanities (3.00)

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

The field of Human Services is an ideal career choice for men and women who are interested in helping clients of all ages understand themselves and reach their goals. The career area of Human Services and Disability Studies prepares you for entry-level employment or for transfer to a four-year college or university. If you transfer to a four-year institution, you may focus on social work, psychology, counseling or education/special education.

The diverseness of career opportunities is a unique feature of the Human Services and Disability Studies Program. Below are just some of the areas where you are prepared to work:

- Public and private social service agencies
- Treatment centers for addictions
- Group homes for mental illness, domestic violence, residential treatment, developmental disabilities
- Supported living and vocational work programs
- State and County Departments of Human Services
- Hospital-based treatment facilities
- Correctional facilities

You develop skills in planning and case management, assessment and referrals, interviewing and behavioral observations, working with individuals and groups. You gain knowledge in the areas of learning and behavior disabilities, mental illness and mental retardation, dementia and related disorders.

The need for qualified human services workers is anticipated to grow at a rate much faster than average over the next few years, according to the U.S. Bureau of Labor Statistics. There are a variety of positions to be filled in Iowa. Most starting salaries range from the upper teens to the mid $20s and show a significant increase based on the level of education and experience.

CURRICULUM

PROGRAM DETAILS

Enrollment Date: Any Term
Program Length: 4 Terms plus work experience
Degree: Associate in Applied Science
Campus: Estherville

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

First Year – Fall Term (16.00 credits)
DSV 125 – Behavior Management (3.00)
HSV 284 – Case Management (3.00)
or DSV 135 – Assessment and Instruction DSV (3.00)
SCS 101 – Basic Sign Language (2.00)
or SDV 131 – Career Exploration (2.00)
ENG 105 – English Composition I (3.00)

First Year – Spring Term (16.00 credits)
HSV 162 – Intro to Human Disabilities & Services (3.00)
HSV 225 – Counseling Techniques (5.00)
PSY 111 – Introduction to Psychology (5.00)
PSY 121 – Developmental Psychology (5.00)
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 (3.00)
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 (5.00)
SOC 120 – Marriage and Family (3.00)
SOC 200 – Minority Group Relations (5.00)
Humanities (4.00)
ABOUT

A paralegal is qualified by education, training or work experience, to be employed or retained by a lawyer, law office, corporation, or governmental agency. Legal tasks typically performed by a paralegal include evaluating cases; conducting client and witness interviews; drafting court pleadings and motions; performing legal research; preparing legal documents, such as contracts, wills, and deeds; managing and organizing case files; and helping attorneys prepare for trials and hearings. A paralegal is not authorized to provide legal services directly to the public, except as permitted by law.

The Paralegal/Legal Studies program at Iowa Lakes emphasizes practical skills used by paralegals in the real world. You not only learn about wills, you learn how to write them; you not only learn about lawsuits, you learn how to draft them. Program subscriptions to practice manuals and legal software drastically reduce the learning curve to becoming a paralegal. Successful completion of an internship provides you with real-life experience in a law office setting.

Graduates are employed in law firms, insurance companies, and government agencies in Iowa and elsewhere. Many local employers look to Iowa Lakes in order to fulfill their employment needs.

CURRICULUM

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

First Year – Spring Term (17.00 credits)
- LGL 154 – Legal Research (4.00)
- LGL 121 – Law Office Software (1.00)
- LGL 180 – Torts and Litigation (3.00)
- LGL 210 – Contract Law (3.00)
- ENG 105 – English Composition I (3.00)
- SPC 101 – Fundamentals of Oral Communication (5.00)

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 (5.00)
- Humanities (3.00)
- Social Science (3.00)

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

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

PROGRAM DETAILS

Enrollment Date: Any Term
Program Length: 4 Terms plus work experience
Degree: Associate in Applied Science
Campus: Estherville, and many courses available on-line

Jennifer Bennett-Finn
Email: jbennettfinn@iowalakes.edu
Phone: 712-362-7979
SUBSTANCE ABUSE COUNSELING

ABOUT

The Substance Abuse Counseling Program is a two-year program designed to provide 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). Additional developmental studies courses may be required before you take English or mathematics. Go to iowabc.org for more information regarding Iowa CADC.

The last semester includes a practicum to be completed 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. You must apply, interview and be accepted by the treatment agency before participation in the practicum.

Upon completion of the program, and additional hours of experience, you are eligible to take the certification exam through the Iowa Board of Certification.

The program is based on the Estherville Campus. Since most agencies prefer a four-year degree, this program also helps you meet transfer requirements. Many courses are available in an alternate delivery format.

· Iowa residency restrictions for Iowa Certification may apply.

CURRICULUM

SUBSTANCE ABUSE COUNSELING | AAS - 68 credits

First Year - Fall Term (15.00 credits)
HSV 284 – Case Management (3.00)
or DSV 135 – Assessment and Instruction DSV (3.00)
ENG 105 – English Composition I (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)

Second Year - Fall Term (16.00 credits)
HSV 901 – Substance Abuse Practicum I (3.00)
HSV 902 – Substance Abuse Practicum II (4.00)

First Year - Spring Term (16.00 credits)
CRJ 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 (3.00)

Second Year - Spring Term (7.00 credits)
HSV 903 – Sub Abuse Treatment & Planning (5.00)
PSY 241 – Abnormal Psychology (5.00)
SOC 120 – Marriage and Family (3.00)
or SOC 115 – Social Problems (3.00)
or SOC 186 – Contemporary Global Issues (3.00)
Humanities (3.00)
Science (4.00)

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)

PROGRAM DETAILS

Enrollment Date: Any Term
Program Length: 5 Terms plus practicum
Degree: Associate in Applied Science
Campus: Estherville

Amy Ver Mulm
Email: avermulm@iowalakes.edu
Phone: 712-362-7977
ABOUT

Industry trends show that the demand for pilots continues to be on the rise and that there is a substantial need for new pilots to enter the workforce each year.

The Aviation and Airport Management program at Iowa Lakes Community College provides students with the opportunity to earn an Associate in Applied Science Degree in Aviation and Airport Management. Our program offers students the unique opportunity to learn within a hands-on learning environment.

Students attending our program gain the knowledge and skills needed to obtain a private and commercial pilot license. In addition to the skills, our students earn an instrument rating and certified flight instructor rating and an instrument flight instructor rating and/or a multi-engine rating.

Students that are interested in taking the Aviation and Airport Management program at Iowa Lakes Community College will have special flight course fees for equipment and instruction. These fees should be calculated in addition to regular tuition and registration fees. The estimated costs listed below were provided by the Financial Aid office at Iowa Lakes Community College and should be used as a reference for potential enrollment fees.

**ESTIMATED FLIGHT FEES** †

<table>
<thead>
<tr>
<th></th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVI-180</td>
<td>$6,275.00</td>
<td>$15,600.00</td>
<td>$21,875.00</td>
</tr>
<tr>
<td>Sophomores</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVI-245</td>
<td>$8,570.00</td>
<td>$2,775.00</td>
<td>$11,345.00</td>
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<tr>
<td>AVI-301</td>
<td>$1,550.00</td>
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<td>$1,550.00</td>
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<tr>
<td>AVI-405</td>
<td>$5,350.00</td>
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<td>$5,350.00</td>
</tr>
<tr>
<td>Total</td>
<td>$18,245.00</td>
<td></td>
<td>$18,245.00</td>
</tr>
</tbody>
</table>

† All aviation flight fees are subject to change.

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

ADMISSION REQUIREMENTS
1. Complete the formal Iowa Lakes Application for Admission.
2. Personal interview with instructor.
3. Second class aviation physical required.

PROGRAM DETAILS

**Enrollment Date:** Any Term  
**Program Length:** 4 Terms  
**Degree:** Associate in Applied Science  
**Campus:** Estherville

Ron Duer  
**Email:** rduer@iowalakes.edu  
**Phone:** 712-362-7961

CURRICULUM

**AVIATION/AIRPORT MANAGEMENT**  
AAS - 68 credits

<table>
<thead>
<tr>
<th>First Year – Fall Term (17.00 credits)</th>
<th>Second Year – Fall Term (16.00 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVI 140 – Private Pilot Ground School (4.00)</td>
<td>AVI 212 – Instrument Pilot Ground School (4.00)</td>
</tr>
<tr>
<td>AVI 180 – Private Pilot Flight Lab (5.00) or AVI 112 – Sport Pilot Ground School (5.00) and AVI 115 – Sport Pilot Flight Lab (2.00) and AVI 114 – Sport/Private Pilot Bridge Lab (1.00)</td>
<td>AVI 246 – Commercial/Instrument Flight Lab (5.00) CSC 110 – Introduction to Computers (3.00) or BUS elective (3.00)</td>
</tr>
<tr>
<td>ENG 105 – English Composition I (3.00) Meteorology, Weather and Climate (4.00) Humanities (3.00)</td>
<td>SPC 101 – Fundamentals of Oral Communication (3.00) Social Science (3.00)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>First Year – Spring Term (19.00 credits)</th>
<th>Second Year – Spring Term (16.00 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVI 261 – Commercial Pilot Ground School (5.00)</td>
<td>Choose from instructor approved electives (7.00)</td>
</tr>
<tr>
<td>AVI 245 – Commercial/Instr Cross Country Flight Lab (5.00)</td>
<td>AVI 500 – Flight Instructor Ground School (5.00)</td>
</tr>
<tr>
<td>MAT 110 – Math for Liberal Arts (3.00) Social Science (3.00) Science (4.00) Math (5.00)</td>
<td>AVI 550 – Flight Instructor Flight Lab (5.00) or AVI 405 – Multi-Engine Rating (5.00)</td>
</tr>
<tr>
<td></td>
<td>AVI 941 – Practicum (5.00) or AVI 501 – Instrument Instructor (1.00)</td>
</tr>
</tbody>
</table>
About

Computer Programming at Iowa Lakes Community College provides hands-on lab and classroom experience with modern high-level programming languages, as well as databases, spreadsheets, computer hardware and networking fundamentals. These skills assist you in beginning your career or transferring to a four-year university.

You are introduced to programming concepts and logic through the use of flow charts and other visual learning aids before you progress through the more advanced topics. These fundamental concepts are illustrated using scenarios and problem-solving techniques that reflect common business programming needs. You also work in teams to develop the interpersonal skills necessary to participate in the collaborative programming efforts that exist in the industry.

Visual BASIC is the language employed in Computer Science I and Advanced Visual Basics. This language and its associated tools are widely used to develop software applications with Graphical User Interfaces.

Other languages taught at Iowa Lakes Community College include Java and C or C++. These languages help you develop good stylistic and organizational techniques through the use of code libraries and modularization. The CH programming language helps you develop skills in structured programming and introduces compilers, editors and debuggers. The Java programming language introduces the concepts of Object Oriented Programming, the prominent approach in today’s industry.

An on-the-job practicum (3 or 5 college credits) is recommended to help hone your skills in the work place. In addition, other technology courses can be included to broaden your skill base. These areas include: Networking, Graphic Design and Web Page Development.

Program Details

Enrollment Date: Any Term
Program Length: 4 Terms plus practicum
Degree: Associate in Applied Science
Campus: Estherville

David DeVary
Email: ddevary@iowalakes.edu
Phone: 712-362-7952

Curriculum

Computer Programming | AAS - 68 credits

First Year - Fall Term (15.00 credits)
CIS 125 - Intro to Programming w/Language (3.00)
CIS 332 - Database and SQL (3.00)
GRA 234 - 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)
NET 140 - Networking Essentials (4.00)
ENG 105 - English Composition I (3.00)
MAT 140 - Finite Math (3.00)

Second Year - Fall Term (17.00 credits)
CIS 161 - C ++ Programming (3.00)
CSC-110 Intro to Computers (3.00)
MAT 157 - Statistics (4.00)
Social Science (3.00)
Science (4.00)

Second Year - Spring Term (15.00 credits)
CIS 612 - Advanced Visual Basic (3.00)
CIS 171 - Java Programming (3.00)
ART 127 - Digital Illustration or GRA 118 - Electronic Publishing or GRA 121 - Digital Drawing (Illustrator) (3.00)
Humanities (3.00)
Social Science (3.00)

Second Year - Summer Term (5.00 credits)
CIS 941 - Computer Science Practicum (5.00)
The Environmental Studies program is designed to prepare you for the job market in a variety of outdoor careers. After completion of the freshmen courses, students spend their sophomore year taking specialized coursework in natural resources management or environmental science. By utilizing this curriculum system, students obtain the specific training and instruction necessary to successfully enter the workforce or transfer to a four-year college or university.

Recent concern over habitat loss and declining fish and wildlife populations have created a growing interest in the long-term sustainability of natural resources. Natural resources management offers you careers in fisheries and wildlife biology, forestry, park management, and soil conservation. For these careers, you need to be familiar with the ecological and resource management concepts presented in the natural resources management option of the Environmental Studies program.

Federal and state standards in environmental quality analysis and pollution control have created occupations for individuals that have the knowledge to monitor, measure, analyze, and report the presence of various environmental pollutants. These occupations include working for municipal water processing and wastewater treatment facilities, environmental testing laboratories, and state and federal regulatory agencies. For a career in this area, you need to be familiar with the sophisticated equipment and analytical techniques presented in the environmental science option of the Environmental Studies program.

On-the-job work experience during the summer Internship combined with course work from the school year provides students with professional skills needed to excel. You have opportunities to monitor air and water pollutants, conduct environmental research at the Iowa Great Lakes, and study the ecology of northwest Iowa's many prairies, forests, marshes, natural lakes, and river systems.

Following is the suggested sequence of courses for an Associate in Applied Science degree in the Environmental Studies program. Developmental studies courses may be required before you can enroll in college English or mathematics.

**PROGRAM DETAILS**

**Enrollment Date:** Fall Term  
**Program Length:** 4 Terms plus practicum  
**Degree:** Associate in Applied Science  
**Campus:** Estherville  

Drew Howing  
**Email:** dhowing@iowalakes.edu  
**Phone:** 712–362–7978

**CURRICULUM**

**First Year – Fall Term** (15.00 credits)
- EVS 114 – Environmental Studies I (4.00)
- SER 116 – Career Seminar I (1.00)
- CSC 110 – Introduction to Computers (3.00)
- Math (3.00)
- Science (4.00)

**First Year – Spring Term** (15.00 credits)
- EVS 204 – Environmental Studies Seminar II (1.00)
- EVS 124 – Environmental Studies II (4.00)
- ENG 105 – English Composition I (3.00)
- Humanities (3.00)
- Science (4.00)

**First Year – Summer Term** (4.00 credits)
- EVS 941 – Environmental Studies Practicum (4.00)

**Second Year – Fall Term** (17.00 credits)
- EVS 254 – Intro to Natural Resources Mgmt. (4.00)
- ENG 106 – English Composition II (5.00)
- Math (3.00)
- Science (4.00)
- Social Science (3.00)

**Second Year – Spring Term** (17.00 credits)
- EVS 264 – Natural Resources Mgmt. Tech (4.00)
- MGT 101 – Principles of Management (3.00)
- SPC 101 – Fund. of Oral Communication (3.00)
- Science (4.00)
- Social Science (5.00)
GAME DESIGN AND DEVELOPMENT

ABOUT

As today’s world becomes more and more geared toward interactive gaming and technology, the workforce has a higher demand for persons with the skills and abilities needed to implement these aspects into industry today.

With this in mind, Iowa Lakes Community College established the Gaming Design and Development program in 2013. Students that enroll in our program earn an Associate of Applied Science Degree in Game Design and Development.

Our program offers students the unique opportunity to work in a hands-on learning environment. Students attending our program will gain the knowledge and skills needed to obtain an entry-level position in the gaming industry. Some of these positions include roles such as a developer, designer, game tester, or programmer.

Our curriculum includes training in general computer skills, computer hardware, networking, and basic computer programming. Our students are exposed to a wide variety of courses including game programming, 3D modeling and animation, level design, and game engines.

One unique aspect of our program is that students will create a fully-functional 3D game as a part of their final project and their game will be ready to be added to their portfolio when prospecting future employment.

If you are seeking a career in gaming, then acquiring a degree from our Game Design and Development program is the next step for you!

CURRICULUM

| PROGRAM DETAILS |

**Enrollment Date:** Fall Term  
**Program Length:** 4 Terms  
**Degree:** Associate in Applied Science  
**Campus:** Estherville  

Kevin Grems  
**Email:** kgrems@iowalakes.edu  
**Phone:** 712-362-7938

**First Year – Fall Term (18.00 credits)**  
- CIS 125 – Intro to Programming w/Language (3.00)  
- CIS 332 – Database and SQL (3.00)  
- GRA 234 – Dreamweaver Level I (3.00)  
- NET 122 – Computer Hardware Basics (3.00)  
- ENG 105 – English Composition I (3.00)  
- MAT 120 – College Algebra (3.00)

**First Year – Spring Term (18.00 credits)**  
- CIS 141 – Computer Science (5.00)  
- CIS 204 – Web Programming I (3.00)  
- NET 142 – Network Essentials (3.00)  
- ENG 106 – English Composition II (3.00)  
- MAT 140 – Finite Math (3.00)  
- Social Science (5.00)

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

**Second Year – Fall Term (18.00 credits)**  
- CIS 146 – Intro to Video Game Development (3.00)  
- 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)  
- Humanities (3.00)  
- SPC 101 – Fundamentals of Oral Communication (3.00)

**Second Year – Spring Term (19.00 credits)**  
- CIS 148 – 3-D Modeling and Character Animation (3.00)  
- CIS 567 – Game Development II (3.00)  
- GRA 166 – Web Animations (3.00)  
- MMS 101 – Mass Media (3.00)  
- Humanities (3.00)  
- Science (4.00)
ABOUT

The Web Development and Design program at Iowa Lakes Community College prepares students for employment in the exciting field of web page design. Upon entering the program, you take a core set of technology classes your first year and then gain advanced level knowledge of web-specific topics in the second year. You are trained in both the creative and technical aspects of the profession. Creative skills are used in developing informative, easy-to-use website and mobile designs using Adobe Fireworks, Flash, and Dreamweaver. Technical training is provided in the area of writing HTML, CSS, PHP, and JavaScript code. The creation of online games is also covered in year two.

As a graduate of the Web Development and Design program at Iowa Lakes Community College students earn an Associate in Applied Science degree. Students enter the workforce as a web page designer, webmaster, or web developer. Job descriptions include skills such as maintaining existing websites, developing new sites, creating web graphics, and writing code.

Following is the suggested sequence of courses required for an Associate in Applied Science degree in Web Development and Design. You may be required to take developmental courses before you may take college English or mathematics.

CURRICULUM

WEB DEVELOPMENT AND DESIGN  AAS - 69 credits

First Year - Fall Term (15.00 credits)
- CIS 125 - Intro to Programming w/Language (3.00)
- NET 122 - Computer Hardware Basics (3.00)
- SPC 101 - Fundamentals of Oral Communication (3.00)
- CIS 332 - Database and SQL (3.00)
- GRA 234 - Dreamweaver Level I (3.00)

First Year - Spring Term (16.00 credits)
- ENG 105 - English Composition I (3.00)
- Humanities (3.00)
- CSC 110 - Introduction to Computers (3.00)
or MKT 110 - Principles of Marketing (3.00)
- NET 140 - Networking Essentials (4.00)
- CIS 204 - Web Programming I (3.00)

First Year - Summer Term (4.00 credits)
- GRA 952 - Internship (4.00)

Second Year - Fall Term (18.00 credits)
- GRA 140 - Digital Imaging (Photoshop) (3.00)
- GRA 162 - Web Page Graphics (3.00)
- GRA 228 - Flash (3.00)
- JOU 173 - Digital Photography (3.00)
- Social Science (3.00)
- MAT 140 - Finite Math (3.00)
or MAT 157 - Statistics (4.00)

Second Year - Spring Term (16.00 credits)
- PSY 111 - Introduction to Psychology (3.00)
- Science (4.00)
- GRA 166 - Web Animations (3.00)
- GRA 235 - Dreamweaver Level II (3.00)
- GRA 121 - Digital Drawing (Illustrator) (3.00)
- SOC 110 - Introduction to Sociology (3.00)

PROGRAM DETAILS

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

Kevin Grems
Email: kgrems@iowalakes.edu
Phone: 712-362-7938
ABOUT

Since rolling out the nation's first Associate in Applied Science Degree in Wind Energy and Turbine Technology in 2004, Iowa Lakes has been a leader in delivering training and education to meet a steadily growing demand for operations and maintenance (O&M) technicians across the country and abroad. In January 2011, Iowa Lakes was one of the first three programs nationwide to earn the American Wind Energy Association’s Seal of Approval for Wind Turbine Service Technician Programs, a testament to our commitment to “firsts” in delivering rigorous coursework to produce front-line technicians the industry needs.

With a focus is on the utility scale O&M technician, there are many facets to this industry. You are exposed to a broad range of subjects for the skills you need to enter a growing technical workforce and transcend different sectors of the renewable energy field. From the college’s working utility scale turbine, to ground trainers and laboratories, you get a sense of realism by putting your hands on equipment and components you see in the field. With a new, 50,000 square-foot Sustainable Energy Resources and Technology Center, you meet industry’s demands for highly-qualified technicians. Advanced training and additional laboratories bring your competency-based training to the next level.

To meet industry needs and student aspirations, along with the two-year Associate in Applied Science program, there is also a three-semester Diploma. Both options carry with them an internship requirement that exposes you to real experience in the field and requires an educational assessment of the experience, a challenging and rewarding aspect in your development as a wind energy professional. The Diploma program covers a period of 11 months, exposing you to construction, maintenance, and operation of wind turbines, backed by solid fundamentals in electrical, hydraulic and mechanical theory.

The Associate in Applied Science program gives you advanced training in power generation, siting, programmable logic systems, supervisory control, and data acquisition. You qualify for entry level positions in the wind energy field and develop your skills in the industry to become lead technicians, site supervisors, operators and managers. Coursework builds on the math, science and computer skills program you bring to a field of study that demands a high level of technical ability. Math and physics skills are essential to understanding the field of wind power generation, and are necessary for successful program completion.

CURRICULUM

First Year – Fall Term (19.00 credits)
- ELE 119 – Basic Electricity I (4.00)
- SER 114 – Blueprint Reading (1.00)
- SER 116 – Career Seminar (1.00)
- SER 124 – Industrial Safety and Workplace Env (1.00)
- WTT 115 – Field Training and Project Operations (4.00)
- WTT 104 – Introduction to Wind Energy (4.00)
- MAT 743 – Technical Mathematics (3.00)
- SDV 103 – Successful Learning (1.0)

First Year – Spring Term (21.00 credits)
- COM 753 – Technical Communications (3.00)
- EGT 146 – Hydraulics (3.00)
- ELE 156 – Basic Electricity II (4.00)
- ELE 226 – Electric Motors and Generators (4.00)
- PHY 709 – Introduction to Technical Physics (4.00)
- WTT 153 – Wind Turbine Mechanical Systems (3.00)

First Year – Summer Term (6.00 credits)
- WTT 946 – Wind Energy & Turbine Technology Internship II (6.00)

Second Year – Fall Term (16.00 credits)
- ELE 155 – NEC 1 (2.00)
- ELE 183 – Electrical Practical Applications (4.00)
- ELT 309 – Digital Circuits and Systems (5.00)
- MFG 505 – Lean Manufacturing (1.00)
- NET 148 – Basic Networking and Comp Tech (3.00)
- WTT 216 – Power Generation and Trans (3.00)

Second Year – Fall Term (18.00 credits)
- ELE 242 – Programmable Logic Control Sys (4.00)
- MGT 101 – Principles of Management (3.00)
- WTT 204 – Wind Turbine Siting (4.00)
- WTT 225 – Data Acquisition and Assessment (4.00)
- BUS 161 – Human Relations (3.00)
HOW DO I QUALIFY?

ACADEMIC REQUIREMENTS
Must meet two of the following requirements:
- Minimum high school grade point average 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.
- Ranked in the top 10% of your graduating class as verified by your high school transcript.

Students MUST complete the online scholarship application to be considered for the scholarship.

APPLICATION REQUIREMENTS
Complete the online scholarship application.
Attach an unofficial transcript through the fall semester, before high school graduation, with the scholarship application.
- Priority awarding deadline: February 1, midnight, C.S.T.
- Early-bird deadline: March 1, midnight, C.S.T.
- Scholarship deadline: April 1, midnight, C.S.T.
- Complete the online admissions application.

Have an official transcript of high school grades sent to the Admissions Office. Request an exam report from ACT/SAT to be sent to Iowa Lakes.

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 only be used to pay TUITION ONLY.
- Funds are applied to your student financial aid package.
- Funds are split equally between fall and spring semesters.
- Four-semester maximum.

HOW DO YOU REMAIN ELIGIBLE?

- Enroll as a full-time student at Iowa Lakes (minimum 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 Community College 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:
Opportunities available to earn Honors credit by completing “in class honors” activities and requirements:

- “Scholars only” academic and leadership/service activities each semester
- Opportunities for interaction with fellow Honors students in both on–and off–campus activities
- Opportunity to determine both individual and group or club academic pursuits.
- Receive special recognition at graduation.
The online scholarship application typically takes less than an hour to complete. You don't have to finish it in one sitting. You create a log-in and password to manage your scholarship application. Recommenders receive an email from the system. Once the recommender completes the online form, you will see the recommendation is "Done". Instructions and help are available!

Completion of the FAFSA is recommended and only REQUIRED for need-based scholarships. Iowa Lakes FAFSA code is 001864. FAFSA filing priority date is March 15. Please have your FAFSA completed by then, when possible, to be included in scholarship opportunities for need-based scholarships. Iowa Lakes has many scholarships that do NOT require the FAFSA, all students are encouraged to complete the scholarship application.

Each individual, completed application is matched with scholarship criteria for consideration by selection committees.

Apply online at:
https://iowalakes.edu/scholarships.

SCHOLARSHIP DEADLINES

Scholarship Deadlines are Feb. 1; Mar. 1; April 1; July 15; Oct. 1.

Scholarship awards are divided equally between the fall and spring semesters. High School Seniors are notified mid May — during their high school awards ceremonies, if possible. The remaining recipients are notified of their awards by July 15.

The Scholarship application process is open year round. Scholarship review begins on April 1 for the fall semester and October 1 for the spring semester. Only one application per academic year is necessary.

ONE COMPLETE APPLICATION per academic year. Complete the application EARLY to be considered for ALL competitions. The Scholarship Opportunity “picks” the student. Applications are matched according to answers within the application. Recipients are selected through a committee process.

CONTACT

Iowa Lakes Community College Foundation Office
Institutional Advancement Manager
Estherville Administration Building
Phone: 712-362-0491
### Estimated Tuition & Fees

#### Iowa Residents or Veterans/Active Military

<table>
<thead>
<tr>
<th>Full-time (16 credit hours) per semester:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$2,864.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Basic Activity Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$36.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$3,230.00</strong></td>
</tr>
</tbody>
</table>

#### Part-time costs per semester hour:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$179.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$2.25</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$201.25</strong></td>
</tr>
</tbody>
</table>

#### Minnesota Residents

<table>
<thead>
<tr>
<th>Full-time (16 credit hours) costs per semester:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$2,944.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Basic Activity Fee</td>
<td>$36.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$3,310.00</strong></td>
</tr>
</tbody>
</table>

#### Part-time costs per semester:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$184.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$2.25</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$206.25</strong></td>
</tr>
</tbody>
</table>

#### Out-of-state & International Residents

<table>
<thead>
<tr>
<th>Full-time (16 credit hours) costs per semester:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$3,040.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$160.00</td>
</tr>
<tr>
<td>Basic Activity Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$36.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$3,406.00</strong></td>
</tr>
</tbody>
</table>

#### Part-time costs per semester:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$190.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$2.25</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$212.25</strong></td>
</tr>
</tbody>
</table>

(2 Semesters – 16 Credit Hours/Semester)

Needs and expenses vary for every student while attending Iowa Lakes. The Financial Aid Office gives these estimates for a single student. Costs below are only an estimate.

### Estimated Yearly Costs

#### Iowa Residents or Veterans/Active Military

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; fees</td>
<td>$6,460.00</td>
</tr>
<tr>
<td>+ Books &amp; supplies</td>
<td>$1,324.00</td>
</tr>
<tr>
<td>Room &amp; board</td>
<td>$6,230.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$14,014.00</strong></td>
</tr>
</tbody>
</table>

#### Minnesota Residents

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; fees</td>
<td>$6,620.00</td>
</tr>
<tr>
<td>+ Books &amp; supplies</td>
<td>$1,324.00</td>
</tr>
<tr>
<td>Room &amp; board</td>
<td>$6,230.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$14,174.00</strong></td>
</tr>
</tbody>
</table>

#### Out-of-state & International Residents

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; fees</td>
<td>$6,812.00</td>
</tr>
<tr>
<td>+ Books &amp; supplies</td>
<td>$1,324.00</td>
</tr>
<tr>
<td>Room &amp; board</td>
<td>$6,230.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$14,366.00</strong></td>
</tr>
</tbody>
</table>

* Potential miscellaneous/personal expenses                       | **$3,318.00**

### Estimated Online Tuition

#### Online In or Out-of-State

<table>
<thead>
<tr>
<th>Full-time (16 credit hours) per semester:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$2,944.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2,944.00</strong></td>
</tr>
</tbody>
</table>

#### Online In or Out-of-State & International Residents

<table>
<thead>
<tr>
<th>Part-time cost per semester hour:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$184.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$184.00</strong></td>
</tr>
</tbody>
</table>

#### Online In or Out-of-State

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>$5,888.00</td>
</tr>
<tr>
<td>+ Books &amp; Supplies</td>
<td>$1,324.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$7,212.00</strong></td>
</tr>
</tbody>
</table>

### Nelnet Payment Plan

- Nelnet plan is not a loan. It is an interest-free program that allows you to make monthly payments for your tuition and fees. Iowa Lakes has designed a schedule that specifies the number of months you are allowed to budget.
- Cost to budget is a non-refundable $25 per semester. This fee is automatically deducted from your account within 14 days of processing your agreement form by Nelnet.
- Payments are processed on the 5th of each month and continue until the balance is paid in full. If a credit/debit card is used, a convenience fee in addition to the enrollment fee is assessed.
- For more information about Nelnet payment plans, call Iowa Lakes Community College at 712-852-5224 or Nelnet Business Solutions toll free at 800-609-8056.

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### 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.

* 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. For aviation flight fees, see page 44.

Iowa Lakes charges a $50.00 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.

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FINANCIAL AID

FINANCIAL AID PROCEDURE

Iowa Lakes Community College offers financial assistance to students through state, federal and institutional programs. Assistance is available to students who demonstrate financial need as well as to students who show exceptional academic talent.

To apply for financial aid at Iowa Lakes you need to:
- Submit your FAFSA on the web at www.fafsa.gov. The link is also available on the homepage www.iowalakes.edu under Quick Links — Financial Aid.
- Enter the Title IV school code of 001864 for Iowa Lakes Community College. All Iowa Lakes campuses have the same college code.

FINANCIAL AID AVAILABLE:
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (SEOG)
- Federal Direct Loan
- Federal PLUS Loans
- Alternative Loans
- Iowa Vocational/Technical Grant Program (IVTG)
- Kibbie Grant
- Federal Work Study
- Veterans Administration Benefits
- Iowa Lakes Scholarships

WEB/ONLINE INFORMATION

For online financial aid information, go to www.iowalakes.edu. You'll find the following to help you determine how you'll pay for college:
- Financial aid forms
- Financial Aid Policies Manual
- Student loan counseling
- Tuition estimator
- Scholarships available
- Loans and grants
- Online financial aid status
- Satisfactory academic progress standards
- Net price calculator
- Direct Loan Process
- Census Dates (registration deadlines)

FOR FURTHER INFORMATION CALL US!
At Emmetsburg: Toll-free at 800-242-5108 ext. 5276 or 712-852-5276.

At Estherville: Toll-free at 800-242-5106 ext. 7920 or 712-362-7920.

VETERANS AND ACTIVE DUTY SERVICE MEMBERS BENEFITS

Veterans and Active Duty service members may use their educational benefits under one of the following programs:
- Post 9/11 G.I Bill
- Montgomery G.I Bill Active Duty
- Montgomery G.I Bill Selected Reserve
- Survivors and Dependent Assistance
- Federal Tuition Assistance
- State Tuition Assistance

A veteran with a service-connected disability may also qualify for the Veterans Vocational Rehabilitation program. The V.A. determines eligibility for these programs. For more information, please contact Kent Schmidt at the Emmetsburg Campus toll-free nationwide at 1-800-346-6018 ext. 5284 or 712-852-5284.

VETERAN’S RESIDENCY

Any veteran or dependent receiving VA benefits will be considered an Iowa resident and receive in-state tuition.
EAT A MEAL IN THE STUDENT CENTER!

- Dining services are provided at Emmetsburg, Estherville and Spencer.
- Emmetsburg and Estherville cafeterias serve 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

2–semester costs of on-campus housing:

<table>
<thead>
<tr>
<th>Residence</th>
<th>Meal Plan</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catamaran 4-Plex, Emmetsburg</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
<tr>
<td>Ballaster West Dorm, Emmetsburg</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
<tr>
<td>Spinnaker East Dorm, Emmetsburg</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
<tr>
<td>4-Plex, Estherville</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
<tr>
<td>Laker I, Estherville</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
<tr>
<td>Laker II, Estherville*</td>
<td>15 Meal Plan</td>
<td>$6,230</td>
</tr>
<tr>
<td></td>
<td>17 Meal Plan</td>
<td>$6,750</td>
</tr>
</tbody>
</table>

4–Plex, Spencer** (10 meal plan) $5,680

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:

2–semester costs for meal plans:

<table>
<thead>
<tr>
<th>Meals per week</th>
<th>Cost per semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>$700</td>
</tr>
<tr>
<td>10</td>
<td>$1350</td>
</tr>
<tr>
<td>15</td>
<td>$1625</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.
INTERCOLLEGIATE ATHLETICS & RECREATION

INTERCOLLEGIATE ATHLETICS

- Athletics are an important part of the collegiate experience.
- You have the opportunity to face challenges, form new friendships, and acquire knowledge for lifelong experiences.
- More than 240 student-athletes participate in the 15 programs offered.

Men's Sports Shooting
Women's Sports Shooting
Volleyball
Wrestling
Men's Soccer
Women's Soccer
Men's Basketball
Women's Basketball
Men's Swimming & Diving
Women's Swimming & Diving
Baseball
Softball
Men's Golf
Women's Golf
Competitive Dance

RECREATION

INTRAMURAL SPORTS

- Organized competition in individual tournaments and outdoor recreation.
- Possible intramural sponsored activities include:

  Flag Football
  Soccer
  Basketball
  Golf
  Volleyball
  Bowling
  Billiards/Pool
  Tennis
  Table Tennis
  Euchre
  Sand Volleyball
  Weight Training
  Racquetball
  Fitness Training
  Video Game Tournaments

CONTACT

Iowa Lakes Community College is a member of the Iowa Community College Athletic Conference

The Athletic Office
Phone: 1–800–242–5106, ext. 7907

ARTHUR & AUDREY SMITH WELLNESS CENTER

- Available on campus in Emmetsburg.
- Free to all full–time Iowa Lakes students through your student activity fee:

  Gymnasium
  Racquetball Court
  Weight Room
  Aerobics Facilities
  Fitness Room
  Table Games
  Heated Indoor Swimming Pool
  Jogging/Walking Track
  Refreshments/Concessions
STUDENT ACTIVITIES / CLUBS & ORGANIZATIONS

CLUBS & ORGANIZATIONS

- Many opportunities and services.
- Representation in state and national organizations.
- Competition with other colleges in skill areas.
- Field trips to conventions and trade shows.
- Social activities.
- Participation in student senate/government activities.

AT SPENCER
- BPA
- Medical Assisting
- Surgical Technology

AT ESTHERVILLE
- Aviation Club
- Biology Club
- Computer Club
- Graphic Arts Club
- Chemistry & Pharmacy Club
- Music Club
- Conservation Club
- Criminal Justice Club
- Laker Life Club
- Technology Club
- SERT Club
- Shutterbugs Club
- Human Services/Disability Services Club
- Laker Crew (Student Ambassadors)

AT EMMETSBURG
- ADN
- Ag Business
- Ag Production (Farm Op)
- Auto Tech Club
- BPA
- Child Care, Early Childhood
- Construction Club
- DECA
- Diversity Club
- Farm Equipment
- Hotel/Motel Club
- LPN (daytime)
- Marine Tech VICA
- Powersports (Motorcycle)
- Vet Tech Club
- Welding Club

STUDENT SENATE/GOVERNMENT

- Student representatives from each campus.
- Student Senate/Government meets regularly to discuss school and student concerns and plan future student activities.
- Functions as a communication unit to keep faculty and administration informed about student needs and concerns.

MUSIC DEPARTMENT

- Ensembles open to students of all majors; full or part-time
- Music scholarships available for non-music majors and music majors (90% of performers receive scholarships)
- Music lessons available for all majors and for college credit
- Spring cultural trip (San Antonio, New Orleans, Chicago, Memphis, etc.)
- Spring tour to area high schools.

PERFORMANCE OPPORTUNITIES:
- Jazz Festival
- Madrigal
- Coffee houses
- Concerts
- Tours
- Musicals
- Special appearances
- Jazz Camp

ENSEMBLES:
- Concert Choir
- Jazz Choir
- Men’s Ensemble
- Women’s Ensemble
- Percussion Ensemble
- Woodwind Ensemble
- Concert Band

- Jazz Band
- Handbell Ensemble
- Pep Band
- Brass Ensemble
RESOURCES AVAILABLE

IN THE COUNSELING, SUCCESS/ADVISING CENTERS & LIBRARIES

ACADEMIC SERVICES

FACULTY ADVISORS
Faculty advisors are assigned to every student registered at Iowa Lakes. Your advisor is an instructor in your area of interest. Each advisor has current information to help you with class selection and registration, career counseling, and transfer information.

EDUCATIONAL COUNSELING SERVICES
Educational Counseling Services focus on assisting students in pursuit of their educational goals. The educational counselors provide services that are directly related to the academic setting.

National trends indicate an increase in mental health issues on college campuses, so Iowa Lakes creates awareness of conditions such as depression, eating disorders, substance abuse and other mental health concerns. The Educational Counseling office is not staffed, licensed, or insured to diagnose or treat these conditions. Community resource referral information is accessible to students from the Educational Counseling webpage on the college website.

CAREER RESOURCE CENTER SERVICES
Career assessments can help you match your interests with a career. Exploration of needs, interests, abilities, and values is the first step toward self-assessment. You can then use this information in the career selection process.

At the Career Center, you are provided with timely information on hundreds of careers nationwide as well as local employment trends. You can learn about retraining, financial aid, tuition and career training information.

The assessment process is tailored to meet your individual needs. You can examine and evaluate your work history, educational achievement, work values, vocational and educational interests.

BASIC SKILLS ASSESSMENT PLACEMENT EXAMS
Each student entering Iowa Lakes Community College must take or have taken a placement test. These tests can include Accuplacer, ACT and SAT, where available. If test scores indicate you are underprepared for college-level courses, you may need to take courses to develop these skills further before registering for college English or mathematics.

DEVELOPMENTAL STUDIES
Based on assessment scores, developmental courses may be required to strengthen skills in reading, writing, or mathematics. Developmental classes are designed to help you succeed in your program of choice. The courses add an extra load to graduation requirements and may extend your time in college. Questions concerning developmental classes should be discussed with your advisor or Success/Advising Center staff.

A college-level placement test score is required in order to enroll in Composition I or any college-level math course.

TUTORIAL SERVICES
All students attending Iowa Lakes, both full-time and part-time, can receive free peer tutoring. One-on-one tutoring is available. Ask about tutoring in the Success/Advising Center or with campus supervisor at your campus.
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. 5219.

LIBRARY SERVICES

ONLINE LIBRARY CATALOG
Access to the Iowa Lakes Community College online library catalog is http://www1.youseemore.com/nlcc/EmmetsburgILCC/ 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 http://www.iowalakes.edu/student_services/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 http://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 course-

work 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. 5301.

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. 5213.

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.
TRANSFER INFORMATION

TRANSFER WITH AN ASSOCIATE IN ARTS OR ASSOCIATE IN SCIENCE DEGREE

Completion of the Associate in Arts or Associate in Science degree makes transfer to the Iowa Regents’ colleges (the University of Iowa, Iowa State University and the University of Northern Iowa) easier. Your Iowa Lakes advisor assists you in planning the courses you need for your major.

- Transfer as a junior having met your freshman and sophomore requirements.
- After transfer, complete the last two years of your bachelor’s degree.
- Similar transfer agreements exist with private colleges and universities in Iowa and surrounding states.
- Working directly with your transfer college ensures that you take the courses you need, both for freshman and sophomore requirements and for your major requirements and prerequisites.

TRANSFER WITH AN ASSOCIATE IN APPLIED SCIENCE OR WHERE THERE IS NO FORMAL TRANSFER AGREEMENT

When you visit a transfer college, information from Iowa Lakes online catalog will help their advisors tell you what courses you have to complete to finish your four-year degree. Get this information in writing and keep it with you, as you finish your degree at Iowa Lakes and transfer.

- Your Iowa Lakes coursework will transfer at the discretion of the four-year college or university, so begin working with their transfer advisors as early as possible. No later than fall of your sophomore year, especially if you are completing vocational and technical courses as part of your Iowa Lakes program.
- If your transcript is evaluated on a course-by-course basis, many colleges do not give credit for courses if you don’t have a grade of “C” or better.

- Most colleges only apply 64 semester credit hours from two-year college toward the completion of your four-year degree. If you have more than that, they count in your course total, but they won’t count toward graduation requirements.
- Transfer colleges may look at your transcript on a course-by-course basis. That could mean you need to take different general education core courses from those required by Iowa Lakes (see page 5). If you know what they want, your Iowa Lakes advisor can help you meet their requirements at the same time as meeting those at Iowa Lakes.
- 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 (junior or senior) courses to take.

ASSOCIATE IN APPLIED SCIENCE DEGREES.

Many diploma programs already have second-year programs built in. Examples include:
Office or Business Specialist in Administrative Assistant.
Automotive Technology, Auto Collision and Paint Technology,
Marine, Powersports and Construction programs all have second years designed to allow you to gain additional skills for transfer.

ACCREDITATION

Iowa Lakes Community College is accredited as an institution by the Higher Learning Commission, North Central Association of Colleges and Schools, 230 South LaSalle St, Suite 7–500, Chicago, IL, phone 1-800-621-7440; the Iowa Department of Education; and the State Board of Regents. 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.
INFORMATION YOU’LL NEED

**DRUG-FREE CAMPUS**
Iowa Lakes is committed to providing a drug-free campus in accordance with local, state and federal laws. The unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited on any Iowa Lakes property. In addition to prosecution by appropriate civil authorities, students found in violation will be treated as having violated the Iowa Lakes Student Rights & Responsibilities Code and will be subject to disciplinary action up to and including dismissal. Iowa Lakes counselors provide counseling and awareness programs on substance abuse for students in need of such services.

**HEALTH CARE SERVICES**
Health care services are not provided to the students on campus by the institution. In case of an emergency, 911 will be notified and students will be transported to a nearby medical facility.

**SEXUAL & GENDER HARASSMENT**
It is the policy of the college to maintain an environment conducive to work and study for staff, faculty, and students. Such an environment is free of sexual and gender harassment and all forms of sexual intimidation and exploitation.

All students, staff, and faculty will be aware both that the college is prepared to take action to prevent and correct such behavior, and that individuals who engage in such behavior are subject to discipline up to and including dismissal. Coercive behavior, including suggestions that academic or employment reprisals or rewards will follow refusal for granting of sexual favors, constitutes gross misconduct and will not be tolerated. Further definitions and procedures are contained on the website in the Affirmative Action Plan of the college and Student Handbook.

**EQUAL OPPORTUNITY - NON-DISCRIMINATION STATEMENT/AMERICANS WITH DISABILITIES ACT**
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.

ALTERNATIVE DELIVERY SYSTEMS & CONTINUING EDUCATION

E COLLEGE
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.

RELIBENSURE COURSES
Workshops and courses designed to fill the requirements for maintaining your license are offered for many occupational groups.
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### PERSONAL INFORMATION

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<tr>
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<th>CITY</th>
<th>STATE</th>
<th>ZIP</th>
<th>COUNTY</th>
</tr>
</thead>
</table>

*Birthdate*: _______ / _____ / ______

*Ethnic/Racial Background*: (Optional - check all that apply)
- American Indian or Alaskan Native
- Asian
- Black / African American
- Hispanic/Latino
- Native Hawaiian or Other Pacific Islander
- White

**Legal Name**: ____________________________________________

**Permanent Mailing Address**: ____________________________________________

**Home Phone**: (______) __________________________

**Cell Phone**: (______) __________________________

**Social Security Number**: ___  ___  ___ / ___  ___  / ___  ___  ___

**E-mail**: __________________________

**Gender**:
- ☐ Male
- ☐ Female
- ☐ Other

**Person to contact in case of emergency**: __________________________

**Relationship**: __________________________

**Contact Phone**: (______) __________________________

### ENROLLMENT

**I plan to begin college**: Year _______  ☐ Fall  ☐ Spring  ☐ Summer

**I plan to attend classes in**:  ☐ Algona  ☐ Emmetsburg  ☐ Estherville  ☐ Online / Web

**Status**:  ☐ Full-time  ☐ Part-time  ☐ Evening

**High School Attended**: ___________________________________________________________________________________
_____________________________________________________________________________________________________

<table>
<thead>
<tr>
<th>CITY &amp; STATE</th>
<th>MONTH &amp; YEAR OF GRADUATION</th>
<th>OR DATES ATTENDED</th>
</tr>
</thead>
</table>

**Educational Background**: *Mark only one.*
- ☐ Currently in high school. Expected year of graduation _________
- ☐ Non-high school graduate; did not receive HSED.
- ☐ High school graduate - year of graduation _________
- ☐ Received HSED -- year and place  ____________________________________________________________________
- ☐ Attended another college; year of high school graduation _________

**Colleges and universities attended other than Iowa Lakes**: Please list below:

<table>
<thead>
<tr>
<th>SCHOOL/AGENCY AWARDED GED</th>
<th>ADDRESS</th>
<th>DATES</th>
</tr>
</thead>
</table>

### RESIDENCY

To determine residency for tuition, please mark yes or no:

- Are you a resident of Iowa? ☐ Yes ☐ No
- Are you a resident of Minnesota? ☐ Yes ☐ No
- Are you a Veteran or active military? ☐ Yes ☐ No
- Are you eligible for GI Bill/VA Ed. Benefits? ☐ Unsure ☐ Yes ☐ No
- If "yes" or "unsure" please contact Kent Schmidt @ 712-852-5284
- Do you have an Iowa driver’s license? ☐ Yes ☐ No
- Have you lived in Iowa the last consecutive 90 Days? ☐ Yes ☐ No
- Is your car registered in the State of Iowa? ☐ Yes ☐ No
- Are you a United States citizen? ☐ Yes ☐ No
- Are you a lawful permanent resident? ☐ Yes ☐ No
- Do you have a green card? ☐ Yes ☐ No
- If "yes" please provide us with a copy.

**Please send ACT results to Iowa Lakes.**

**Please request copies of your high school, college and/or HSED transcripts be sent to Iowa Lakes.**

**Please complete the back of this application.**
Are you seeking a Degree, Diploma or Certificate from Iowa Lakes Community College? □ Yes □ No

**CAREER PROGRAMS (Mark only one.)**

<table>
<thead>
<tr>
<th>Option</th>
<th>Program Name</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-degree seeking (not eligible for fin. aid)</td>
<td>Surgical Technology (Spencer)</td>
<td>Medical Technology</td>
</tr>
<tr>
<td>Accounting Specialist</td>
<td>Veterinary Technician</td>
<td>Medicine</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td>Water Quality &amp; Sustainable</td>
<td>Mortuary Science</td>
</tr>
<tr>
<td>Agribusiness Technology</td>
<td>Aquatic Resources</td>
<td>Music/Music Education</td>
</tr>
<tr>
<td>Agriculture Production Technology</td>
<td>Web Development &amp; Design</td>
<td>Natural Resources Management</td>
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<tr>
<td>Auto Collision Repair &amp; Paint Technology</td>
<td>Welding Technology</td>
<td>Nursing Transfer</td>
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<tr>
<td>Automotive Technician</td>
<td>Wind Energy &amp; Turbine Technology</td>
<td>Pharmacy</td>
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<tr>
<td>Aviation/Airport Management</td>
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<td>Physical Education/Coaching</td>
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<td>Banking &amp; Finance (Business Administration)</td>
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<td>Physical Science</td>
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<tr>
<td>Business Administration &amp; Management</td>
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<td>Physics</td>
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<tr>
<td>Business Specialist</td>
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<td>Psychology</td>
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<td>Computer Programming</td>
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<td>Recreation &amp; Sports Management</td>
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<td>Construction Technology</td>
<td>NURSING</td>
<td>Social Justice</td>
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<td>Criminology</td>
<td>Associate Degree Nursing (RN)</td>
<td>Sociology</td>
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<td>Digital Social and Broadcast Productions</td>
<td>Practical Nursing (LPN)</td>
<td>Spanish</td>
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<tr>
<td>Early Childhood Education</td>
<td>Are you an LPN? □ Yes □ No</td>
<td>Veterinary Medicine</td>
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<tr>
<td>Electrical Technology</td>
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<td>Undecided</td>
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<tr>
<td>Environmental Studies</td>
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<td>Other</td>
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<td>Engineering Technology</td>
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<td>Farm Equipment &amp; Diesel Technology</td>
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<td>Gaming Design &amp; Development</td>
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<td>Graphic Design</td>
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<td>Hotel &amp; Restaurant Management</td>
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<td>Human Services/Disability Studies</td>
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<td>Leadership Management (Business Admin.)</td>
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<td>Photography</td>
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<td>Power Sports &amp; Power Equipment</td>
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<td>Sales &amp; Marketing Management</td>
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**PROGRAM MAJORS**

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<tr>
<th>Option</th>
<th>Arts &amp; Sciences (2 Year) Transfer (Choose Area of Study)</th>
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<tbody>
<tr>
<td>Accounting</td>
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<td>Biology</td>
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<td>English/English/Speech</td>
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<tr>
<td>Family &amp; Community Service</td>
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<td>Fish &amp; Wildlife/Forestry</td>
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<tr>
<td>History</td>
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<tr>
<td>Liberal Arts General</td>
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<tr>
<td>Library Science</td>
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<tr>
<td>Mathematics</td>
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**GOALS**

<table>
<thead>
<tr>
<th>Option</th>
<th>Purpose/goal in attending is to: (Please check only ONE box.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Transfer to another college/university</td>
<td>1. Transfer to another college/university</td>
</tr>
<tr>
<td>2. Prepare to enter the job market</td>
<td>2. Prepare to enter the job market</td>
</tr>
<tr>
<td>3. Prepare to change careers</td>
<td>3. Prepare to change careers</td>
</tr>
<tr>
<td>4. Improve skills for present job</td>
<td>4. Improve skills for present job</td>
</tr>
<tr>
<td>5. Meet certification/licensure requirements</td>
<td>5. Meet certification/licensure requirements</td>
</tr>
<tr>
<td>6. Explore courses to decide a career</td>
<td>6. Explore courses to decide a career</td>
</tr>
<tr>
<td>7. Self improvement/improve basic skills</td>
<td>7. Self improvement/improve basic skills</td>
</tr>
<tr>
<td>8. Personal interest</td>
<td>8. Personal interest</td>
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**OTHER INTERESTS**

<table>
<thead>
<tr>
<th>Option</th>
<th>Athletics</th>
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<tbody>
<tr>
<td>Baseball</td>
<td>□ Men’s Basketball</td>
</tr>
<tr>
<td>□ Women’s Basketball</td>
<td>□ Cross Country (M &amp; W)</td>
</tr>
<tr>
<td>□ Dance</td>
<td>□ Golf (M &amp; W)</td>
</tr>
<tr>
<td>□ Softball</td>
<td>□ Soccer (M &amp; W)</td>
</tr>
<tr>
<td>□ Swimming &amp; Diving (M &amp; W)</td>
<td>□ Volleyball (W)</td>
</tr>
<tr>
<td>□ Wrestling</td>
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</table>

**Student Activities**

<table>
<thead>
<tr>
<th>Option</th>
<th>Student Activities</th>
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</thead>
<tbody>
<tr>
<td>□ Intramurals</td>
<td>□ Music (Band)</td>
</tr>
<tr>
<td>□ Music (Vocal)</td>
<td>□ Student Senate</td>
</tr>
<tr>
<td>□ Student Ambassador</td>
<td>□ Theatre</td>
</tr>
<tr>
<td>□ Other</td>
<td>□ Honors Program</td>
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**I may need help in ...**

<table>
<thead>
<tr>
<th>Option</th>
<th>I may need help in ...</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Career Planning</td>
<td>□ Educational Counseling</td>
</tr>
<tr>
<td>□ Financial Aid</td>
<td>□ Scholarships</td>
</tr>
<tr>
<td>□ Tutoring</td>
<td>□ Other</td>
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**STUDENT TYPES**

<table>
<thead>
<tr>
<th>Option</th>
<th>Student Types</th>
</tr>
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<tbody>
<tr>
<td>□ A.A.</td>
<td>□ S.A.V.E.</td>
</tr>
<tr>
<td>□ A.S.</td>
<td>□ Special Needs (COC)</td>
</tr>
<tr>
<td>□ S.E.</td>
<td>□ Undecided</td>
</tr>
<tr>
<td>□ S.T.</td>
<td>□ Other</td>
</tr>
</tbody>
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**PUBLICITY**

How did you learn about Iowa Lakes? We would like to notify your hometown newspaper of your acceptance and any honors you may receive. I give my permission for Iowa Lakes to provide the following information:

<table>
<thead>
<tr>
<th>Option</th>
<th>Publicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newspaper name:</td>
<td>Your parents’ names:</td>
</tr>
<tr>
<td>Newspaper address or town:</td>
<td></td>
</tr>
</tbody>
</table>

**RELEASES**

Iowa Lakes has my permission to share educational information with any school I previously attended. □ Yes □ No

A student must be enrolled as a regular student in an eligible program for the purpose of obtaining a degree or diploma in order to receive financial aid or scholarships. I have read all parts of this form and accompanying instructions. I certify that all information I have supplied on this application and my supporting documents is true. □ Yes □ No

I accept that all official Iowa Lakes correspondence will be delivered electronically through My Iowa Lakes Portal or my designated Iowa Lakes email. (To request an alternative form for receiving correspondence, call Annie Kalous, Admissions Director, at 712-852-5254.) □ Yes □ No

<table>
<thead>
<tr>
<th>Option</th>
<th>Releases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please send application to the location you plan to attend: Iowa Lakes Emmetsburg Campus, 3200 College Drive, Emmetsburg, IA 50536; Iowa Lakes Estherville Campus, 300 South 18th Street, Estherville, IA 51334; Iowa Lakes Spencer Campus, 1900 N. Grand Ave. Suite B1, Spencer, IA 51301; send Algona Campus or Spirit Lake Campus to Emmetsburg Campus address.</td>
<td>Release:</td>
</tr>
</tbody>
</table>

**Signature:** ___________________ **Date:** ___________________

*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, genetic information, 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.).*
# Iowa Lakes Contacts:

## Admission Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annie Kalous</td>
<td>Director</td>
<td>1-800-346-6018 ext. 5254</td>
<td></td>
</tr>
</tbody>
</table>

## Emmetsburg Campus

**Chyan Metzger**, Enrollment Coach

Emmetsburg, 1-800-346-6018 ext. 5322

**Miranda Anderson**, Enrollment Coach

Emmetsburg, 1-800-346-6018 ext. 5209

**Mary Anderson**, Admission Associate

Emmetsburg, 1-800-346-6018 ext. 5212

## Emmetsburg Campus Administrators

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Brotherton</td>
<td>Executive Dean</td>
<td>1-800-242-5108 ext. 7913</td>
<td></td>
</tr>
<tr>
<td>Lisa Stich</td>
<td>Executive Dean</td>
<td>1-800-242-5108 ext. 7913</td>
<td></td>
</tr>
<tr>
<td>Theresa Waechter</td>
<td>Supervisor Algona</td>
<td>1-877-807-9583, ext. 8525</td>
<td></td>
</tr>
<tr>
<td>Julie Williams</td>
<td>Executive Dean of Students</td>
<td>1-800-521-5054 ext. 7912</td>
<td>1-800-346-6018 ext. 7912</td>
</tr>
<tr>
<td>Mary Faber</td>
<td>Director Spencer, Spirit Lake</td>
<td>1-877-807-9585 ext. 8628</td>
<td></td>
</tr>
<tr>
<td>Theresa Umschied</td>
<td>Director of ICCOC</td>
<td>1-800-242-5106 ext. 8525</td>
<td></td>
</tr>
</tbody>
</table>

## Financial Aid Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve Pelzer</td>
<td>Director</td>
<td>1-800-242-5108 ext. 7917</td>
<td>1-800-242-5108 ext. 7917</td>
</tr>
<tr>
<td>Jeannie Reinders</td>
<td>Specialist</td>
<td>1-800-242-5108 ext. 5276</td>
<td></td>
</tr>
<tr>
<td>Diane Hough</td>
<td>Office Associate</td>
<td>1-800-242-5108 ext. 5267</td>
<td></td>
</tr>
<tr>
<td>Deb Weston</td>
<td>Office Associate</td>
<td>1-800-242-5106 ext. 7920</td>
<td></td>
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</table>

## Educational Counseling/ Accommodations

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jody Condon</td>
<td>Counselor/Accommodations</td>
<td>1-800-242-5108 ext. 5219</td>
<td></td>
</tr>
<tr>
<td>Jacque Carstens</td>
<td>Counselor</td>
<td>1-877-807-9585 ext. 8627</td>
<td></td>
</tr>
<tr>
<td>Barb Houseman</td>
<td>Counselor &amp; Violence Prevention Coordinator</td>
<td>1-800-242-5106 ext. 7990</td>
<td></td>
</tr>
<tr>
<td>Kris Neider</td>
<td>Counselor</td>
<td>1-800-242-5106 ext. 8364</td>
<td></td>
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## Housing

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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<tbody>
<tr>
<td>Joey Pavlovich</td>
<td>Housing Manager</td>
<td>1-800-242-5106 ext. 7916</td>
<td></td>
</tr>
<tr>
<td>Troy Larson</td>
<td>Director</td>
<td>1-800-242-5108 ext. 7915</td>
<td></td>
</tr>
<tr>
<td>Jeremy Ward</td>
<td>Housing Manager</td>
<td>1-800-242-5108 ext. 5210</td>
<td></td>
</tr>
<tr>
<td>Bill Lapczenski</td>
<td>Director</td>
<td>1-800-242-5108 ext. 5207</td>
<td></td>
</tr>
<tr>
<td>Blake Viedenkamp</td>
<td>Housing Manager</td>
<td>1-877-807-9585 ext. 8652</td>
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## Dining Services

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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</thead>
<tbody>
<tr>
<td>Steve Olerich</td>
<td>Supervisor</td>
<td>1-800-242-5108 ext. 5271</td>
<td></td>
</tr>
<tr>
<td>Margaret Gebel</td>
<td>Supervisor</td>
<td>1-800-242-5108 ext. 7909</td>
<td></td>
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</table>

## Student Life & Athletics

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troy Larson</td>
<td>Athletic Director</td>
<td>1-800-242-5106 ext. 7915</td>
<td></td>
</tr>
<tr>
<td>Bill Lapczenski</td>
<td>Director, Auxiliary Services/Student Senate Advisor</td>
<td>1-800-242-5108 ext. 5207</td>
<td></td>
</tr>
<tr>
<td>Katie Larson</td>
<td>Student Senate Advisor</td>
<td>1-800-242-5108 ext. 8367</td>
<td></td>
</tr>
<tr>
<td>Blake Viedenkamp</td>
<td>Student Senate Advisor</td>
<td>1-877-807-9585 ext. 8652</td>
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## Career Planning Services

<table>
<thead>
<tr>
<th>Name</th>
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<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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<tbody>
<tr>
<td>Melissa Lutat</td>
<td>Career Pathway Navigator</td>
<td>1-800-242-5106 ext. 7926</td>
<td></td>
</tr>
<tr>
<td>Kent Schmidt</td>
<td>Coordinator</td>
<td>1-800-242-5108 ext. 5803</td>
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</table>

## Success/Advising Centers

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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</thead>
<tbody>
<tr>
<td>Laurie Schmidt</td>
<td>Professor</td>
<td>1-800-242-5108 ext. 5275</td>
<td></td>
</tr>
<tr>
<td>Molly Struve</td>
<td>Assistant Professor</td>
<td>1-800-242-5106 ext. 7935</td>
<td></td>
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<tr>
<td>Katherine Pearce</td>
<td>Professor</td>
<td>1-877-807-9585 ext. 8622</td>
<td></td>
</tr>
<tr>
<td>Lynn Jenson</td>
<td>Instructional Assistant</td>
<td>1-877-807-9583 ext. 8521</td>
<td></td>
</tr>
<tr>
<td>Deborah Clark</td>
<td>Instructional Assistant</td>
<td>1-877-807-9584 ext. 6564</td>
<td></td>
</tr>
<tr>
<td>Cody Alesh</td>
<td>Completion Specialist</td>
<td>1-800-242-5106, ext. 7930</td>
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## Records/Registrar’s Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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<tbody>
<tr>
<td>Barb Grandstaff</td>
<td>Registrar</td>
<td>1-800-242-5106 ext. 7923</td>
<td></td>
</tr>
<tr>
<td>Sue Madison</td>
<td>Office Associate</td>
<td>1-800-242-5106 ext. 7922</td>
<td></td>
</tr>
<tr>
<td>Darci Curry</td>
<td>Records Coordinator</td>
<td>1-800-242-5108 ext. 5265</td>
<td></td>
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## Campus Store

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone Emmetsburg</th>
<th>Phone Estherville</th>
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</thead>
<tbody>
<tr>
<td>Doug Sutton</td>
<td>Campus Store Coordinator</td>
<td>1-800-242-5108 ext. 5282</td>
<td>1-800-242-5106 ext. 8340</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-800-242-5108 ext. 8351</td>
<td>1-877-807-9585 ext. 8651</td>
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## TRIO-SSS

<table>
<thead>
<tr>
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<th>Title</th>
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<th>Phone Estherville</th>
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<tbody>
<tr>
<td>Trudy Ahrens</td>
<td>Director</td>
<td>1-800-242-5106 ext. 5302</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-800-242-5108 ext. 5302</td>
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## Vocational Rehabilitation

<table>
<thead>
<tr>
<th>Name</th>
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<th>Phone Estherville</th>
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<tbody>
<tr>
<td>Molly Giddings</td>
<td>Coordinator</td>
<td>1-800-242-5108 ext. 7924</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-800-242-5108 ext. 7924</td>
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</tbody>
</table>

*Information presented on this page is subject to change throughout the year. Please visit www.iowalakes.edu for the most up-to-date information.*
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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.