This scholarship is available to Indian Hills Community College concurrent enrollment students who wish to continue their academic studies at IHCC. This $1,000 award is applicable towards tuition, books, and fees and will be divided evenly between the student’s first three terms.

This is a one-time, non-renewable, non-transferable scholarship. Other Foundation scholarships and club scholarships can be awarded to students in conjunction with the Connect 2 College scholarship.

**QUALIFICATIONS:**
- Graduated from a high school and attending IHCC for the first time
- An overall minimum GPA of 2.0 in IHCC concurrent enrollment courses
- Maintain 2.0 cumulative GPA while enrolled with IHCC
- Students must complete the application for scholarship
- Candidates are also encouraged to complete the FAFSA, however, are not required to do so.

Candidates receiving this scholarship must be enrolled in a minimum of 6 credit hours per term at IHCC.

**WHAT’S EVEN BETTER IS THAT YOU MAY ALSO QUALIFY FOR ADDITIONAL INDIAN HILLS SCHOLARSHIPS AS WELL AS FINANCIAL AID.**
## 2023-2024 HEALTH SCIENCES HIGH SCHOOL OFFERINGS

### HEALTH SCIENCES EDUCATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>NAME</th>
<th>TERM</th>
<th>START</th>
<th>END</th>
<th>DAYS</th>
<th>TIME</th>
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<tbody>
<tr>
<td>HSC 201</td>
<td>Health Care Exploration</td>
<td>2</td>
<td>Fall</td>
<td>8/28/2023</td>
<td>11/15/2023</td>
<td>MW 8:00 - 9:50</td>
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<tr>
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<td>Medical Terminology</td>
<td>2</td>
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<td>2/20/2024</td>
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<td>Nursing Essentials I (Clinicals on Fridays)</td>
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<td>2/21/2024</td>
<td>5/16/2024</td>
<td>TTH 8:00 - 9:50</td>
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### HEALTH SCIENCES EDUCATION – PROGRAM SPECIFIC

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<td>2.5</td>
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It is the policy of Indian Hills Community College not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental or marital status.

If you have questions or complaints related to compliance with this policy, please contact Associate Dean, Student Development, 5250 College Ave, Ottumwa, IA 52501, (541) 865-9549, equity@indianhills.edu (students, faculty, and staff); Executive Dean, Centerville Campus and Learning Services, (641) 683-5174, learningservicesequity@indianhills.edu (students with disabilities); or the Director of the Office for Civil Rights U.S. Department of Education, John C. Kluczynski Federal Building, 230 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, phone number (312) 730-1560, fax (312) 730-1576, ocr.chicago@ed.gov.
ALBIA AREA CAREER ACADEMY

AUTOMOTIVE TECHNOLOGY/DIESEL POWER TECHNOLOGY ACADEMY

Don’t sit at a desk when you could be driving, racing, fixing, rebuilding, restoring, aligning, and recharging! Within the Automotive Technology portion of this Academy you will learn engine repair, automatic transmission/transaxle, brakes, electrical, and more!

The Diesel Power portion of this Academy, you will acquire skills from hands-on training in a variety of mechanical, electrical, and computer systems necessary to diagnose, repair, and maintain agricultural equipment, trucks, locomotive engines, and other types of heavy construction equipment. You will study diesel engines, transmissions, hydraulics, and so much more!

YEAR ONE

| FALL       | AUT 114 | Shop Fundamentals & Minor Service | 4 |
| AUT 701   | Basic Auto Air Conditioning | 1 |
| CRR 310  | Adapters, Tools & Measurements | 1 |
| WINTER    | AUT 404 | Automotive Suspension & Steering | 4 |
| AUT 702   | Auto Heating & Air Conditioning | 2 |
| SPRING    | AUT 131 | Auto Preventative Maintenance | 3 |
| AUT 502   | Auto Brake Systems | 2 |

YEAR TWO

| FALL       | AUT 204 | Auto Transmissions & Transaxles | 4 |
| AUT 218   | Auto Transmissions & Transaxles Service | 5 |
| WINTER    | AUT 155 | Automotive Engine Design & Systems | 2 |
| AUT 290   | NVH & Aftermarket | 2 |
| SPRING    | SPC 101 | Fundamentals of Oral Communication | 3 |

MACHINE TECHNOLOGY ACADEMY

The need for more skilled machinists keeps growing. The world needs you more than ever! And IHCC will get you ready. Learn to read blueprints, program tooling systems on a CNC lathe or mill, master computer-aided drafting, strengthen your communication skills, and brush up on geometric tolerances. This Academy will get you prepared for an exciting career in Machining!

YEAR ONE

| FALL       | MFG 121  | Machine Trade Printreading I | 2 |
| MFG 209   | Machine Shop Practices | 3 |
| WINTER    | MFG 222  | Machine Operations I (first half) | 2 |
| SPRING    | MFG 131  | Machine Trade Printreading II | 2 |
| MFG 222   | Machine Operations I (second half) | 2 |
**ALBIA AREA CAREER ACADEMY (CONTINUED)**

### WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTA, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

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<td><strong>WEL 201</strong> Procedures &amp; Qualifications</td>
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<td><strong>WEL 228</strong> Intro to Welding Safety &amp; Health of Welders</td>
<td><strong>WEL 233</strong> Print Reading &amp; Welding Symbol Interp.</td>
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<td><strong>WEL 254</strong> Welding Inspection</td>
<td><strong>WEL 254</strong> Welding Inspection &amp; Testing Principles</td>
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<td><strong>WEL 274</strong> Shielded Metal Arc Welding</td>
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<td><strong>WINTER</strong></td>
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<td><strong>WINTER</strong></td>
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<td><strong>WEL 233</strong> Print Reading &amp; Welding Symbol Interp.</td>
<td><strong>WEL 253</strong> Gas Tungsten Arc Welding for Austenitic Stainless Steel</td>
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<td><strong>WEL 251</strong> Gas Tungsten Arc Welding Symbol Interp.</td>
<td><strong>WEL 262</strong> Thermal Cutting Processes I</td>
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<td><strong>WEL 262</strong> Thermal Cutting Processes I</td>
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<td><strong>MAT 772</strong> Applied Math</td>
<td><strong>WBL 110</strong> Employability Skills</td>
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<td><strong>WEL 244</strong> Gas Metal Arc Welding Short Circuit Transfer</td>
<td><strong>WEL 251</strong> Gas Tungsten Arc Welding Symbol Interp.</td>
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<td><strong>WEL 245</strong> Gas Metal Arc Welding Spray Transfer</td>
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CARDINAL AREA WELDING ACADEMY

WELDING TECHNOLOGY ACADEMY

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<td>WEL 182</td>
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<tr>
<td>WEL 228</td>
<td>WEL 275</td>
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<tr>
<td>WEL 254</td>
<td>Shielded Metal Arc Welding II</td>
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<td>WEL 274</td>
<td>Shielded Metal Arc Welding</td>
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<td>WEL 233</td>
<td>WEL 174</td>
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<td>WEL 262</td>
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<td>Gas Tungsten Arc Welding for Austenitic Stainless Steel</td>
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<td>Advanced Welding Procedures II</td>
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<tr>
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CHARITON VALLEY CAREER ACADEMY

CONSTRUCTION TECHNOLOGY ACADEMY

Like to build things, don’t want a boring desk job? We didn’t think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You’ll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

Students will only need 6 hours in Construction LAB to complete the Construction Diploma. The above 6 credits can be taken over the summer, for free, if you are currently in high school or as a traditional college student, over the summer after you graduate from high school.

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<tbody>
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<td>CON 451</td>
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<td>CON 452</td>
<td>Construction Lab IIA</td>
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</table>

HEALTH SCIENCES ACADEMY

Want to help people for a living but don’t know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 1 year Academy, students will have the opportunity to accrue 17 credits towards one of IHCC’s 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

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<tr>
<td>HSC 113</td>
<td>Medical Terminology</td>
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<tr>
<td>WBL 150</td>
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<tr>
<td>PSY 111</td>
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<tr>
<td>PNN 147</td>
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FAIRFIELD AREA CAREER ACADEMY

HEALTH SCIENCES ACADEMY

Want to help people for a living but don’t know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 2 year Academy, students will have the opportunity to accrue over 30 credits towards one of IHCC’s 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

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FAIRFIELD AREA CAREER ACADEMY

HEALTH SCIENCES ACADEMY

FAIRFIELD AREA CAREER ACADEMY

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KEOKUK COUNTY CAREER ACADEMY

AGRICULTURE CLASSES

Agriculture classes will be offered as Concurrent Enrollment through Sigourney High School.

HEALTH SCIENCES ACADEMY

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WELDING TECHNOLOGY ACADEMY

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MAHASKA COUNTY CAREER & WELDING ACADEMY

HEALTH SCIENCES ACADEMY

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<th>YEAR ONE</th>
<th>YEAR TWO</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>HSC 201 Health Care Exploration</td>
<td>HSC 141 Pharmaceutical Applications</td>
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<tr>
<td>PSY 111 Introduction to Psychology</td>
<td>PSY 121 Developmental Psychology</td>
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<tr>
<td>WBL 150 Job Shadowing</td>
<td>WBL 154 Health Science Job Shadowing</td>
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<tr>
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<tr>
<td>HSC 113 Medical Terminology</td>
<td>BIO 101 Introduction to Biology</td>
</tr>
<tr>
<td>HSC 204 Nutrition for Health Professionals</td>
<td>PNN 149 Advanced CNA</td>
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<td>HSC 226 Health, Society &amp; Aging</td>
<td>HSC 212 Pathophysiology</td>
</tr>
<tr>
<td>PNN 147 Nursing Essentials I</td>
<td>WBL 110 Employability Skills</td>
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</tbody>
</table>

WELDING TECHNOLOGY ACADEMY

Welding is considered to be the principal means of fabricating and repairing all metal products. It is difficult to imagine an industry today, large or small, which does not involve some type of welding. Skilled welders often work independently and can utilize their skills anywhere in the world. Students work on projects in the lab learning to perform all types of welding processes such as GMAW, GTAW, SMAW, and Oxy-Acetylene. In this Academy, if you successfully complete both years of your coursework, you will RECEIVE your welding diploma!

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<thead>
<tr>
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<tbody>
<tr>
<td>FALL</td>
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<tr>
<td>WEL 228 Intro to Welding Safety &amp; Health of Welders</td>
<td>WEL 182 FCAW</td>
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<tr>
<td>WEL 254 Welding Inspection &amp; Testing Principles</td>
<td>WEL 275 Shielded Metal Arc Welding II</td>
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<td>WEL 274 Shielded Metal Arc Welding</td>
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</tr>
<tr>
<td>WINTER</td>
<td>WINTER</td>
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<tr>
<td>WEL 233 Print Reading &amp; Welding Symbol Interpretation</td>
<td>WEL 174 Advanced Welding Procedures II</td>
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<tr>
<td>WEL 251 Gas Tungsten Arc Welding for Carbon Steel</td>
<td>WEL 200 Metallurgy Fundamentals</td>
</tr>
<tr>
<td>WEL 262 Thermal Cutting Processes I</td>
<td>WEL 253 Gas Tungsten Arc Welding for Austenitic Stainless Steel</td>
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<td>SPRING</td>
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<td>MAT 772 Applied Math</td>
<td>WBL 110 Employability Skills</td>
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<tr>
<td>WEL 201 Procedures &amp; Qualifications</td>
<td>WEL 211 Production Welding Procedures</td>
</tr>
<tr>
<td>WEL 244 Gas Metal Arc Welding Short Circuit Transfer</td>
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<tr>
<td>WEL 245 Gas Metal Arc Welding Spray Transfer</td>
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</table>
OTTUMWA CONSTRUCTION ACADEMY

CONSTRUCTION TECHNOLOGY

Like to build things, don't want a boring desk job? We didn't think so! Take the construction industry by storm, and build yourself a solid future with our hands-on Construction Technology Academy! You’ll learn how to plan, organize, solve problems, and communicate well with others while on the work site. This curriculum will prepare you to finish your degree at IHCC and have a career in residential, commercial, industrial, or public works construction.

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<table>
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<tbody>
<tr>
<td>FALL</td>
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<td>CON 276</td>
<td>CON 453</td>
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<tr>
<td>CON 450</td>
<td>CSC 105</td>
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<td>WINTER</td>
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<tr>
<td>CON 277</td>
<td>CON 454</td>
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<tr>
<td>CON 451</td>
<td>MAT 762</td>
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<td>SPRING</td>
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<tr>
<td>CON 278</td>
<td>CON 455</td>
</tr>
<tr>
<td>CON 452</td>
<td>ENG 111</td>
</tr>
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OTTUMWA/VAN BUREN HIGH SCHOOL
CONSTRUCTION PROGRAMS

CONSTRUCTION TECHNOLOGY

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<tr>
<td>CON 276</td>
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</tr>
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</tr>
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<td>Construction Lab IIIA</td>
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<td>3</td>
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<td>Construction Lab 1B</td>
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<td>Composition I (ENG 105)</td>
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</table>
RATHBUN AREA CAREER ACADEMY

AGRICULTURE ACADEMY

Get some dirt under your fingernails. This Academy is about getting to know the many opportunities in Agriculture. Let’s make it happen! Dig deep into a possible career within the Agricultural Sciences including Animal Science, Landscape and Turfgrass, and Precision Farming.

<table>
<thead>
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<td>AGS 113</td>
<td>AGS 319</td>
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<td>Principles of Horticulture</td>
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<tr>
<td>Survey of the Animal Industry</td>
<td>Animal Nutrition</td>
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<td>AGH 430</td>
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<td>AGN 120</td>
<td>AGP 450</td>
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<td>Turf and Landscape Equipment</td>
<td>Issues in Sustainable Ag</td>
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<td>Wildlife and Agriculture</td>
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<td>AGA 114</td>
<td>AGB 235</td>
</tr>
<tr>
<td>AGS 226</td>
<td>AGP 333</td>
</tr>
<tr>
<td>Principles of Agronomy</td>
<td>Intro to Ag Markets</td>
</tr>
<tr>
<td>Beef Cattle Science</td>
<td>Precision Farming Systems</td>
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</tbody>
</table>

CONSTRUCTION TECHNOLOGY ACADEMY

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<td>Construction Lab IIIA</td>
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<tr>
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<td></td>
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</table>
RATHBUN AREA CAREER ACADEMY (CONTINUED)

Health Sciences Academy

Want to help people for a living but don’t know where to start? Are you looking for a one-of-a-kind experience? Ready to advance your skills? The path to your future starts at IHCC! Upon successful completion of this 2 year Academy, students will have the opportunity to accrue over 30 credits towards one of HCC’s 17 Health Science Programs. Note: Students are required to have a cumulative high school 2.0 GPA for admissions into this academy.

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<td>PSY 121</td>
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<td>Advanced CNA 3</td>
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<td>Pathophysiology 3</td>
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<tr>
<td>Nursing Essentials I 3</td>
<td>Employability Skills 1</td>
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Industrial Maintenance Academy

Maintaining equipment is one of the most important jobs at a company! Get ready to get your hands-on experience and learn how to figure out issues and fix machines that use electricity, hydraulics, pneumatics, and computer-controlled motor circuits.

<table>
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<th>YEAR ONE</th>
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<td>Industrial Electricity 3</td>
<td>Print Reading 2</td>
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<td>Fluid Power II 4</td>
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<td>ELE 196</td>
<td>ELT 225</td>
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<td>Motor Control Principles 4</td>
<td>Introduction to PLC’s 4</td>
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<td>Introduction to Computer 3</td>
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<td>Mechanical Drives I 2</td>
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<td>Job Shadowing 1</td>
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</table>

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ADMINISTRATIVE SUPPORT SPECIALIST

Are you ready to be in an office organizing files, greeting customers, and supporting other employees by taking care of such things as details, messages, and scheduling? Then the Administrative Support Specialist Academy is for you! After completing this academy, you will receive an Administrative Assistant Diploma. These courses also account for the first year of the Business Office Specialist program at IHCC if you wish to continue and complete an A.A.S. degree!

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<th>YEAR ONE</th>
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<tr>
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<td>BCA 178</td>
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<td>WBL 110</td>
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</table>
# AUTOMOTIVE TECHNOLOGY

Like to work with your hands? We do too. Don’t sit at a desk when you could be driving, racing, fixing, rebuilding, restoring, aligning, and recharging! Join our program today and make your next customer’s experience Life. Changing!

## YEAR ONE

<table>
<thead>
<tr>
<th>TERM</th>
<th>CLASS</th>
<th>NAME</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
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<tbody>
<tr>
<td>FALL</td>
<td>AUT 114</td>
<td>Shop Fund &amp; Minor Service</td>
<td>4</td>
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<td></td>
<td>CRR 310</td>
<td>Adapters, Tools &amp; Measurements <em>(1st six weeks)</em></td>
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<td>MTWTH</td>
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<td>AUT 701</td>
<td>Basic Auto Air Conditioning <em>(2nd six weeks)</em></td>
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<td>MTWTH</td>
<td>10:00 - 10:50</td>
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<td>WINTER</td>
<td>AUT 404</td>
<td>Automotive Suspension and Steering</td>
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<td>MTWTH</td>
<td>8:00 - 9:50</td>
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<td></td>
<td>AUT 290</td>
<td>NVH and Aftermarket</td>
<td>2</td>
<td>MTWTH</td>
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<td>SPRING</td>
<td>AUT 131</td>
<td>Auto Preventative Maintenance</td>
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<td>MTWTH</td>
<td>8:00 - 8:50</td>
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<td>AUT 502</td>
<td>Automotive Brake Systems</td>
<td>2</td>
<td>MTWTH</td>
<td>9:00 - 9:50</td>
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## YEAR TWO

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<td>Auto Transmissions and Transaxles</td>
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<td>8:00 - 9:50</td>
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<td>AUT 218</td>
<td>Auto Transmissions and Transaxles Service <em>(Optional)</em></td>
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<td>WINTER</td>
<td>AUT 155</td>
<td>Automotive Engine Design and Systems</td>
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<td>MW</td>
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<td>Fundamentals of Oral Communication</td>
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<td>Applied Math</td>
<td>3</td>
<td>MTWTH</td>
<td>9:00 - 9:50</td>
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AVIATION

Want to take your education to new heights? Then explore our Aviation Academy at Indian Hills Community College! This program will expose you to three different Aviation fields: Avionics, Maintenance, and Professional Pilot. Come and start your path to a high-flying career today!

YEAR ONE

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<tr>
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<td>AVM 107</td>
<td>Weight and Balance</td>
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<td></td>
<td>AVM 111</td>
<td>Ground Operations and Servicing</td>
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<td>7:30 - 9:00</td>
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<td></td>
<td>AVI 150</td>
<td>Aerodynamics</td>
<td>3</td>
<td>MTWTH</td>
<td>9:10 - 10:00</td>
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<tr>
<td>WINTER</td>
<td>AVM 173</td>
<td>Fluid Lines and Corrosion Control</td>
<td>3</td>
<td>MTWTH</td>
<td>7:30 - 8:30</td>
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<tr>
<td></td>
<td>AVM 200</td>
<td>Avionics System I</td>
<td>3</td>
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<td>AVM 202</td>
<td>Avionics Systems II</td>
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<td>AVI 190</td>
<td>VFR Communications</td>
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<td>Engine Systems Theory</td>
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<td>AVM 104</td>
<td>Regulations and Publications</td>
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<td>AVI 220</td>
<td>Aviation Meteorology</td>
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<td>Private Basic Ground</td>
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<td>ELT 550</td>
<td>Analog Devices</td>
<td>4</td>
<td>MTWTH</td>
<td>9:00 - 10:50</td>
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</table>
BUSINESS TRANSFER

The Business Transfer Academy offers students the opportunity to dive into courses within our Associate of Arts Degree in Business. Our business program is designed to give you the skills and experience or transfer your core credits required for entrance into the college of business at University of Iowa, Iowa State University or University of Northern Iowa!

Classes can be face-to-face or through LVL (Zoom).

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<td>Introduction to Computers</td>
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<td>Business Law 1</td>
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<td>SPRING</td>
<td>ECN 130</td>
<td>Principles of Microeconomics</td>
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<td>MGT 101</td>
<td>Principles of Management</td>
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<td>ACC 152</td>
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<td>MKT 110</td>
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<td>WINTER</td>
<td>ACC 156</td>
<td>Managerial Accounting</td>
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<td>PHI 105</td>
<td>Intro to Ethics Intro to Philosophy (PHI 101)</td>
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<td>SPRING</td>
<td>MAT 156</td>
<td>Statistics</td>
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<td>CSC 116</td>
<td>Information Computing</td>
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COMPUTER ACCOUNTING

Do you love working with numbers and balancing your checkbook? The Computer Accounting Academy may be for you! After completing this academy, you will receive a Diploma in Computer Accounting, which will prepare you to be a bookkeeper! These courses will also transfer into the Accounting Assistant and Accounting Specialist programs at IHCC if you wish to continue on!

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<td>Keyboarding Skill Development</td>
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<td>SPRING</td>
<td>BCA 142</td>
<td>Spreadsheets</td>
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<td>Computer Accounting</td>
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<td>ENG 105</td>
<td>Composition I</td>
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<td>Financial Reports and Presentations</td>
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<td>Principles of Microeconomics</td>
<td>3</td>
<td>TTH</td>
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<tr>
<td></td>
<td>WBL 110</td>
<td>Employability Skill</td>
<td>2</td>
<td>WWW</td>
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## COMPUTER SOFTWARE DEVELOPMENT

Design applications with a purpose! Change solutions one line of code at a time! Let’s create something Life. Changing!

Classes can be face-to-face or through LVL (Zoom).

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<td>BCA 185</td>
<td>Beginning Webpage Development</td>
<td>3</td>
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<td>WINTER</td>
<td>CIS 351</td>
<td>Introduction to Database Concepts</td>
<td>3</td>
<td>MTWTH</td>
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<td>SPRING</td>
<td>CIS 121</td>
<td>Intro to Programming Logic</td>
<td>3</td>
<td>MTWTH</td>
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<td>CIS 598</td>
<td>Python Programming</td>
<td>3</td>
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<td></td>
<td>CIS 279</td>
<td>Introduction to Mobile Development</td>
<td>3</td>
<td>MTWTH</td>
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<td>CIS 402</td>
<td>Cobol</td>
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<td>SPRING</td>
<td>CIS 198</td>
<td>JavaScript</td>
<td>3</td>
<td>MTWTH</td>
<td>8:00 - 8:50</td>
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CRIMINAL JUSTICE

Do you want to make the world a safer place? Have you ever thought about being a police officer? Sign up for the Criminal Justice Discovery Academy! This Academy gives students the opportunity to explore careers in the area of public safety. Learn the basics and ethics of criminal justice - dive into procedures, investigations, laws and much more!

Classes can be face-to-face or through LVL (Zoom).

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<td>FALL</td>
<td>CRJ 100</td>
<td>Intro to Criminal Justice</td>
<td>3</td>
<td>MW</td>
<td>8:00 - 9:50</td>
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<td>SOC 110</td>
<td>Intro to Sociology</td>
<td>3</td>
<td>WWW MW</td>
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<td>WINTER</td>
<td>CRJ 101</td>
<td>Ethics in Criminal Justice</td>
<td>3</td>
<td>MW</td>
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<td>CRJ 301</td>
<td>Introduction to Homeland Security</td>
<td>3</td>
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<td>8:00 - 9:50</td>
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<td>CRJ 141</td>
<td>Criminal Investigation</td>
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<td>CRJ 130</td>
<td>Criminal Law</td>
<td>3</td>
<td>TTH</td>
<td>8:00 - 9:50</td>
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CYBERSECURITY AND SYSTEMS ADMINISTRATION

A journey of a thousand miles begins with a single step. Take the first step to your Life. Changing career by becoming a graduate of the Computer Networks and Security Program at Indian Hills.

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<td>NET 166</td>
<td>Applied Computer Security</td>
<td>3</td>
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<td>WINTER</td>
<td>NCC 200</td>
<td>Networking I: Networking Fundamentals</td>
<td>3</td>
<td>MTWTH</td>
<td>8:00 - 9:50</td>
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| SPRING  | NCC 212| Scripting Fundamentals
                  Lecture (8:00 - 8:50), Lab (9:00 - 9:50) | 3       | MTWTH| 8:00 - 9:50 |
DIESEL TECHNOLOGY

If you eat it, wear it, play with it, or drive it, odds are it was delivered by a diesel! But diesel is more than just trucks; it’s the driving force behind today’s Life. Changing. technology! Put a driving force behind your career today, by joining the Diesel Technology Program at Indian Hills!

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<td>DSL 325</td>
<td>Introduction to Diesel</td>
<td>2</td>
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<td>DSL 105</td>
<td>Fundamentals of Shop Management (1st six weeks)</td>
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<td>CRR 310</td>
<td>Adapters, Tools &amp; Measurements (2nd six weeks)</td>
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<td>WINTER</td>
<td>DSL 602</td>
<td>Principles of Hydraulics</td>
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<td>Employability Skills</td>
<td>2</td>
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<td>SPRING</td>
<td>DSL 341</td>
<td>Overhaul of Diesel Engines</td>
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<td>MTWTH</td>
<td>8:00 - 9:50</td>
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If you have questions or complaints related to compliance with this policy, please contact Associate Dean, Student Development, 5250 Simes Ave, Ottumwa, IA 52501, (641) 683-5155, equity@indianhills.edu (students, faculty and staff); Executive Dean, Centerville Campus and Learning Services, (641) 683-5174, learningservicesequity@indianhills.edu (students with disabilities); or the Director of the Office for Civil Rights U.S. Department of Education, John C. Kluczynski Federal Building, 250 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, phone number (312) 730-1560, fax (312) 730-1576, ocr.chicago@ed.gov.
EARLY CHILDHOOD EDUCATION

Young children see the world through a unique lens! Do you enjoy teaching, reading, and interacting with young children? The Early Childhood Education Academy is for you!

Classes can be face-to-face or through LVL (Zoom).

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<tr>
<td>FALL</td>
<td>ECE 103</td>
<td>Introduction to Early Childhood Education</td>
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<td>Introduction to Early Childhood Education - Lab</td>
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<td>Technical Writing</td>
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<td>3</td>
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<td>EDU 235</td>
<td>Children’s Literature</td>
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<td>TTH</td>
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<td>SPRING</td>
<td>ECE 133</td>
<td>Child Health, Safety, and Nutrition</td>
<td>3</td>
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<td>PSY 223</td>
<td>Child &amp; Adolescent Psychology</td>
<td>3</td>
<td>TTH</td>
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<td>Early Childhood Guidance</td>
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<td>ECE 159</td>
<td>Early Childhood Curriculum II</td>
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<td>ECE 221</td>
<td>Infant/Toddler Care &amp; Education</td>
<td>3</td>
<td>TTH</td>
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<td>SPRING</td>
<td>Option 1*</td>
<td>CDA Portfolio Volunteer (480 hrs)</td>
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<td>Option 2**</td>
<td>ECE 263 - ECE Field Experience (96 hrs)</td>
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<td>ECE 290 - Early Childhood Program Administration</td>
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AWARD: EARLY CHILDHOOD EDUCATION DIPLOMA***

*Option 1 - Completes 120+ coursework, 480 required hours of volunteering within the 2 year program & portfolio that is needed for a Child Development Associate Certification. A final Exam is required and can be taken at the IHCC Testing Center.

**Option 2 - Completes all requirements for an Early Childhood Education Diploma including Field Experience (teaching in a child care setting).

***If student takes option 2 in the Spring term of their 2nd year.
EDUCATION

The Education Academy offers senior students the opportunity to complete a field experience component, which puts them in real time classrooms. Students are able to complete the program within one year and jump into the workplace as a paraeducator, coach or to gain a head start on their Associate of Arts degree in Education.

Classes can be face-to-face or through LVL (Zoom).

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--------------- Optional Courses -------------------------------------------

Coaching Authorization Certificate - 1 course face to face, 12 hours, rest of the course is online.
Heartsaver CPR/AED: Adult-Child Infant Ecard - 1 day face to face class.

Criminal Background & Finger Printing screening required (Completed by IHCC)
At age 18, apply for Paraeducator certificate and/or Coaching Authorization.
ELECTRONICS CORE

The technology industry is evolving across the world. Are you ready to evolve with it? Take your stand at the frontier of Electronic Engineering Technology, Robotics/Automation Technology, Ag/Biofuels Processing, or Laser and Optics Technology and have a Life. Changing. experience at Indian Hills!

### YEAR ONE

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GEOSPATIAL TECHNOLOGY

In this Academy you will learn to work with, interrelate, and analyze virtually all forms of spatial data (mapping, surveying, and geography). You will learn to oversee the collection and interpretation of photographic and geographic data gathered from technological tools, such as Global Positioning Systems (GPS), Geographic Information Systems (GIS), databases, surveys, censuses, and satellite and ground-based remote sensing imagery. Locate and map out your Life. Changing. opportunity in Geospatial Technology!

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**AWARD:** LOCATION ANALYTICS CERTIFICATE

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If you have questions or complaints related to compliance with this policy, please contact Associate Dean, Student Development, 525 N. Eads St., Suite 600, Arlington, VA 22209; (703) 226-9223, equity@iastate.edu (students, faculty, and staff); Executive Dean, Centerville Campus and Learning Services, (641) 683-5174, learningservicesequity@indianhills.edu (students with disabilities); or the Director of the Office for Civil Rights of Education, John C. Kluczynski Federal Building, 330 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, phone number (312) 730-1560, fax (312) 730-1576, ocr.chicago@ed.gov.
## INDUSTRIAL MAINTENANCE

Maintaining equipment is one of the most important jobs at a company! Get ready to get your hands-on experience and learn how to figure out issues and fix machines that use electricity, hydraulics, pneumatics, and computer-controlled motor circuits.

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INTERACTIVE MEDIA TECHNOLOGY

Got a love for the written word? How about an appreciation for an impeccably designed website? Then we want YOU! Online communication becomes an art form when you study Interactive Media Technology at Indian Hills!

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<td>Digital Design 3: InDesign</td>
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<td>Introduction to Internet Marketing</td>
<td>3</td>
<td>TTH</td>
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MACHINE TECHNOLOGY

Machines keep the world moving forward. So you’re saying machinists run the world? You bet! Change the world – and your life – one part or tool at a time with Machine Technology at Indian Hills!

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PHLEBOTOMY TECHNICIAN AND
CLINICAL LABORATORY ASSISTANT


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**AWARD: PHLEBOTOMY TECHNICIAN CERTIFICATE**

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**AWARD: CLINICAL LABORATORY ASSISTANT DIPLOMA**

*Recommended General Electives: Intro to Psychology, Math Elective, or General Chemistry lead to the Medical Laboratory Technician AAS degree.*
SOCIAL SCIENCES

Have you ever wondered about the unconscious? What are dreams? How can someone finish different tasks and not know they did the task? What exactly is a psychopath? What are their characteristics and what are they capable of? The Social Sciences Academy answers all of these questions and many more! By completing this Academy, you will have the foundational coursework to excel and earn a degree in the areas of psychology, sociology, social work, and human services.

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WELDING TECHNOLOGY

Some things need heat to spark a solution. So strap on your mask and let’s make some welding magic! Send sparks flying with Welding Technology at Indian Hills!

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<td>Welding Inspection and Testing Principles</td>
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**AWARD:** WELDING TECHNICIAN DIPLOMA

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