

Keokuk County Career Academy

A partnership between IHCC, Sigourney CSD, Keota CSD, Pekin CSD and Tri-County CSD

Career Connections offer many benefits

- Students get a head start in their college education preparing for a rewarding career in a high demand field.
- Students receive hands-on instruction.
- Students may earn both high school and college credit at the same time.
- All courses are offered at no cost to students.

Precision Agriculture

The Precision Agriculture Academy provides each student with the opportunity to explore various areas within the field of agriculture with an emphasis on precision agriculture and geospatial technology. The program will lighten the student's course load once they enter college, and may decrease the time it takes to complete their college education.

Year 1

Survey of Animal Industry
Fundamentals of Soil Science
Introduction to Agriculture Markets
Principles of Agronomy
Organic Crop Production
Outdoor Power Equipment for Small Engines

Year 2

Precision Farming Systems
Natural Resources
Soil & Water Conservation
Fundamentals of GIS
Issues in Sustainable Agriculture
Internship

Machine Technology

Juniors and seniors have the opportunity to earn up to 35 credits toward an Associate of Applied Science degree in Machine Technology.

Year 1

Machine Shop Practices	Introduction to Solidworks
Machine Operations I	Mill Operations Theory
Machine Trade Printreading I	PLTW Computer Integrated Mfg
Machine Trade Printreading II	

Year 2

Machine Operations II	Introduction to CAM
Engine Lathe Theory	CNC Lathe Fundamentals
Machine Operations III	

Indian Hills concurrent enrollment options are accredited by the National Alliance of Concurrent Enrollment Partnerships, (NACEP).



To earn accreditation from NACEP, Indian Hills was judged on criteria such as instructor preparation and qualifications, curriculum alignment, student services, assessment and evaluation.

Welding Technology

As a junior and/or senior, students have the opportunity to complete the Welding Diploma program at the academy. After graduation, these students will have the skills necessary to be employed as a welder. Students can also continue at IHCC to complete an A.A.S. degree.

Year 1

Technical Math for Industry	Gas Tung Arc Weld for Carbon Steel Procedures & Qualifications
Intro to Welding Safety	CPR, First Aid & Safety
Weld Insp & Testing Principles	Gas Metal Arc Welding Spray Transfer
Shielded Metal Arc Welding I	Gas Metal Arc Weld Short Cir Transfer
Print Reading/Weld Sym Interp	
Thermal Cutting Processes I	

Year 2

Shield Metal Arc Welding II	Metallurgy Fundamentals
FCAW	Production Welding Procedures
Adv. Welding Procedures II	Career Development Skills
Gas Tung Arc Weld for Aust Stainless Steel	

Health Sciences Academy

Upon successful completion of two years in the Health Sciences Academy, students will be able to apply for acceptance into the third term of Indian Hills' Practical Nursing Program. Many of the credits can also be applied to other IHCC Health Sciences programs.

Year 1

Medical Terminology	Nutrition
Computer Essentials	Human Anatomy
Nursing Essentials I	Human Anatomy Lab
Introduction to Psychology	Pharmacology

Year 2

Nursing Essentials II	Human Physiology
Mental Health Nursing I	Human Physiology Lab
Nursing of Adults 1A	Nursing of Adults 1B
Nursing Clinical Experience 1A	Nursing Clinical Experience 1B
Developmental Psychology	