

CAREER ACADEMY

Health Sciences



Business



Engineering
Technology



Manufacturing
Technology



Teacher Academy



Liberal Arts



IOWA CENTRAL
COMMUNITY COLLEGE

North Central Career Academy

No cost and earn Iowa Central college credits.

Iowa Central Community College \$500 scholarship.*

Juniors, Seniors & TAG students of Clarion-Goldfield-Dows, Eagle Grove, Fort Dodge, Humboldt, St. Edmond and Webster City High Schools.

Choose Business, Engineering Technology, Health Sciences, Teacher Academy, Liberal Arts, or Manufacturing Technology.

Business & industry tours and speakers who see the Career Academy students as their future workforce.

Classes are held at Iowa Central's facility in Eagle Grove. Meet Monday-Friday from 8:20-11:00 AM following Iowa Central's academic calendar.



*Students must successfully complete required coursework.

*Talk to the Career Academy Specialist for more information and transferability of courses.

It is the policy of Iowa Central 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), Age Discrimination Act of 1975 (34 CFR Part 110), 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 Kim Whitmore, Director of Human Resources, phone number 515-574-1138, whitmore@iowacentral.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.

Career Pathways



Business

The Business career pathway is designed for those students interested in the fields of Accounting, Business, Economics, Management or Marketing. It consists of a well-rounded curriculum that hosts numerous core business classes that will transfer directly in either the Associate of Arts or Associate of Science degrees at Iowa Central, or into any business program at a four-year university or college.

Fall Semester		
ACC 111	Intro to Accounting	3
ECN 120	Macroeconomics	3
MGT 101	Principles of Management	3
	NCRC Testing	NC
	Semester Total	9

Spring Semester		
MKT 110	Principles of Marketing	3
ACC 142	Financial Accounting	3
BUS 185	Business Law	3
	Semester Total	9
	Career Pathway Total	18

Engineering Technology

Students will be provided with a basic understanding of the technical training needed to enter various fields of computer aided design and drafting, as well as a pre-engineering course for the first step toward a potential career in engineering.

Fall Semester		
EGT 400	Intro to Engineering Design	3
CAD 101	Intro to CAD	3
EGT 450	Computer Integrated Man.	3
	Semester Totals	9

Spring Semester		
EGT 410	Principles of Engineering	3
CAD 164	Solid Modeling I	2
IND 110	OSHA/CPR/First Aid	1
	Humanities Elective	3
	NCRC Testing	NC
	Semester Totals	9
	Career Pathway Total	18

Health Sciences

This pathway is for the student that wants to explore the Health Sciences pathway. Student will take courses that help prepare them to enter a variety of programs within the Health Science field, as well as the opportunity to earn credentials in First Aid, CPR and AED, the National Career Readiness Certificate, and become a Certified Nursing Assistant.

Fall Semester		
HSC 104	Intro to HealthCare	2
PEH 141	First Aide	2
BIO 151	Nutrition	3
HSC 172	Nurse Aide (CNA)	3
	Semester Total	10

Spring Semester		
HSC 113	Medical Terminology	2
BIO 168	Human Anatomy & Physiology	4
SOC 110	Intro to Sociology	3
	NCRC Testing	NC
	Semester Total	9
	Career Pathway Total	19

Liberal Arts – Transfer

This pathway is designed for students who plan on gaining a bachelor's degree but are not yet sure what specific content area they are interested in. The Liberal Arts pathway will provide a variety of courses from the Math, Science, Social Science and Humanities categories from the Associate of Arts degree at Iowa Central, as well as a strong transfer course into the four-year university and colleges.

Fall Semester		
LIT 101	Intro to Literature	3
SOC 110	Intro to Sociology	3
BIO 102	Intro to Biology	3
BIO 103	Intro to Biology Lab	1
	NCRC Testing	NC
	Semester Total	10

Spring Semester		
HIS 152	US History Since 1877	3
ECN 130	Microeconomics	3
	Humanities Elective	3
	Semester Total	9
	Career Pathway Total	19

Manufacturing Technology

For students who are more mechanically inclined, the manufacturing technology career pathway is a great start to finding out what career interests them. The course sequence has been designed to build skills in fundamental welding, metal working, blueprint reading, and general machining. Students will develop a solid foundation in basic machining tools such as lathes and milling machines, as well as general shop equipment and tools.

Fall Semester		
WEL 122	Beginning Welding	2
MFG 256	Intro to Lathe Operations	2
IND 110	OSHA/CPR/First Aid	1
IND 126	Precision Measurements Lab	1
IND 184	Mechanical Processes	2
	Semester Totals	8

Spring Semester		
WEL 181	Gas Metal Arc Welding	2
MFG 266	Intro to Mill Operations	2
IND 127	Shop Operations	1
IND 128	Blueprint Reading	1
MAT 743	Technical Math	3
	NCRC Testing	NC
	Semester Totals	9
	Career Pathway Total	17

Teacher Academy

To become a teacher, a student must graduate from an accredited teacher training program. Designed specifically for those students interested in the career field of academic teaching, the Teacher Academy has been designed to introduce students to the principles and pre-professional courses required to gain an understanding of the education field, as well as gaining coursework that will lead directly into the education field.

Fall Semester		
EDU 213	Introduction to Education	3
POL 111	American National Government	3
BIO 102	Intro to Biology	3
BIO 103	Intro to Biology Lab	1
	Semester Totals	10

Spring Semester		
EDU 255	Education in the Classroom	3
PSY 281	Educational Psychology	3
	Humanities Elective	3
	NCRC Testing	NC
	Semester Totals	9
	Career Pathway Total	19

- Courses may be offered in a different order, depending on staff availability.

- If a student has previously taken a course in a strand, a course with the same number of credits may be substituted.

This is a project example of the courses that will be offered in each career pathway. Curriculum is subject to change based on instructor availability and student demand, as well as cooperation and communication of institutional needs between Iowa Central Community College and the school districts participating in the North Central Career Academy.



SAVINGS AND SCHOLARSHIPS

Save both **time** and **money** when it comes to entering an academic program at the post-secondary level.

Cost and Fees	Iowa Central	Career Academy
Tuition (19 Credits)	\$3,211	\$0
Student Fees	\$266	\$0
Est. Book Cost	\$450	\$0
Total Cost	\$3,927	\$0
Total Savings	\$0	+\$3,927

Based on 2018-2019 Iowa Central tuition rates, students and their parents can

**save between
\$3,500 and \$4,000!**



Successfully complete a full year and receive a **\$500 scholarship!**

For more information on the North Central Career Academy, contact Colleen Bartlett, Career Academy Specialist, at 515-574-1974 or bartlett@iowacentral.edu