

NIACC Campus Program Options

Automotive / Diesel Technology



Building Trades



Heating & Air Conditioning



Industrial Systems



Industrial Mechanics &
Maintenance Technology



Tool & Die Technology



Welding Technology



Agriculture Technology



School Partners

West Fork

Belmond-Klemme

Hampton-Dumont/CAL

NIACC

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NORTH IOWA AREA COMMUNITY COLLEGE



*"Your connection to
education and opportunity"*



**West Fork
Industrial Technology
Academy**



What is NIACC Career Link?

West Fork, Hampton-Dumont/CAL, Belmond-Klemme, and NIACC have formed a partnership to offer high school students opportunities to develop career focus and earn college credit while still in high school

Career Link combines hands-on technical training with academic courses. Students take courses to meet high school graduation requirements, as well as requirements for two- and four-year college degrees.

Why consider Career Link?

- Develop career focus
- Ease transition to college
- Get hands-on training in area of interest
- Enter the workforce with marketable skills
- Get a head-start on college and your career

There is no cost to the student, except for transportation.

Industrial Technology Academy

Academy Classes

Electronic Concepts

ELT-115 (3 s.h.)

Electronic Concepts is an introductory survey of electricity and electronics suitable for students interested in pursuing a career in technical fields such as electronics, automotive, HVAC, and other fields that require knowledge of basic electrical and electronic concepts. Topics include safety, shop and lab practices, motors and controls, direct and alternating current, and semiconductor and digital electronics. Course work consists of problem solving, computer-assisted instruction, computer simulation, and hands-on exercises with industrial grade equipment.

Ag & Industrial Welding

WEL-335 (2 s.h.)

This is a basic arc/oxy-fuel welding and cutting course. The students will perform introductory skills in SMAW (shielded metal arc welding, GTAW (gas metal arc welding), oxy-acetylene welding, and oxy-fuel cutting. The student learns safety procedures relating to welding subjects and general shop safety.

Maintenance Shop Operations

ELT-745 (3 s.h.)

The student is introduced to shop equipment generally found in the industrial maintenance environment. The student uses safe set-up and produces parts with metal saws, drills, grinders, basic welding and cutting, thread repair, anchors and fasteners. The student use of mechanical prints to identify parts in assembly and repair situations is practiced, along with the use of catalogs to find and order repair parts, study bearings and seals, applications and failure analysis.

Intro to Tech Computing & CAD

ELT-190 (3 s.h.)

Intro to Tech Computing and CAD is designed to familiarize the student with microcomputer basics relating to occupations in the Industrial/technical area. Topics include computer hardware, operating systems, commands and tasks, disk organization and access, word processing, spreadsheets, and two-dimensional computer-aided drafting (CAD).

Exploring Careers

WBL-100 (3 s.h.)

This course will provide guidance in choosing a career goal and preparing for employment. Emphasis will be placed on identifying interests, abilities, and values, and exploring options for careers. Students will learn how to access labor market information and employment trends. Additionally, students will develop the skills and aptitudes necessary to obtain employment, emphasizing the development of characteristics associated with job success.

Communications I

ENG-701 (3 s.h.)

This course is designed to assist students in improving and/or refining skills in the areas of reading, writing, listening, and speaking to help meet communication needs in college and for success and advancement in a career. It is a required course in many of the NIACC industrial programs.

Location

Industrial Technology Building
across from West Fork Middle School
Rockwell, Iowa