

A publication of Iowa Tech Prep and the Bureau of Technical and Vocational Education • Iowa Department of Education

## New programs for Northwest Iowa

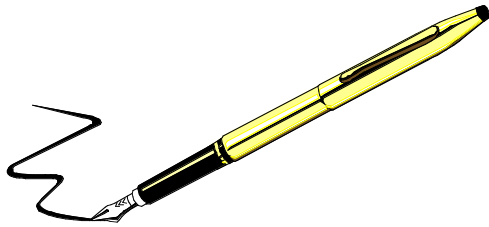
**R**esponding to the workforce needs in northwest Iowa and the findings of the Skills 2000 Study, Northwest Iowa Community College added several programs for the new school year. These programs include Pre-professional Rural Journalism, Pre-professional Human Resource Management, Automotive Machining, Production Welding, and Computer Networking Technology. In addition, the Auto Body program has been expanded to associate degree status.

Kathy Brock, Vice President of Instruction at NCC, says, "It's very exciting that Northwest Iowa Community College is in a position to add curriculum based on what industry is telling us.

We look at what jobs are in demand and how we could help fill those needs. And by modifying existing programs, we increase accessibility, choices, and opportunities for our

students."

To set up the Associate degree in Rural Journalism, the College is working with local newspaper editors, who expressed a need for qualified, entry-level people



in small daily and weekly newspapers. The National Newspaper Association Foundation is also interested in supporting the concept and curriculum.

According to the Skills 2000 Study, owners and managers of growing companies find that personnel management might be best accomplished by hiring someone with knowledge in areas of screening and hiring techniques, labor laws, and benefits programs. Those basic skills form the core of NCC's new Associate degree in Human Resource Management. The Bureau of Labor Statistics paints a positive job outlook for human resource profes-

*continued on page 4*

## ...from the Bureau

Jerda Garey, Chief

## C

### Change....

With seven retirements since December, an opportunity for support staff advancement, and a change in funding requirements for Tech Prep, the Bureau is experiencing "change" in a major way.

Summer retirements included Myril Harrison, Vic Lundy, and Gary Henrichs. Laverne Hueholt completed his Tech Prep contract on July 1. The search is now being conducted for candidates to fill consultant positions for guidance and health occupations.

We are pleased to announce the following assignments:

Janet Woodruff – Marketing Education

and Corrections Consultant

Rod Thompson – Communication and Construction Clusters Education Consultant

Ken Maguire – Transportation and Manufacturing Clusters Education Consultant

Dale Gruis – Agriculture Education Consultant

Kim Anderson – Executive Secretary of the Iowa FFA

Lori Vivone – Promoted to Secretary II

Brenda Patrick – Secretary I

The Tech Prep model is the vision for career and technical

*continued on page 3*

## inside...

- Construction Programs Build Across Iowa
- Student-run Business Starts at Pocahontas Area High School

# Construction programs build across Iowa

**S**kyrocketing demand for skilled workers and managers in the construction trades industry served as the impetus for developing 4+2+2 programs at high schools on opposite sides of the state.

Winfield-Mt. Union and Central Lee High Schools are working with Southeastern Community College (SCC) in West Burlington, the University of Northern Iowa (UNI) in Cedar Falls, and Western Illinois University (WIU) in Macomb.

In western Iowa, Red Oak High School has established a similar partnership with Southwestern Community College in Creston.

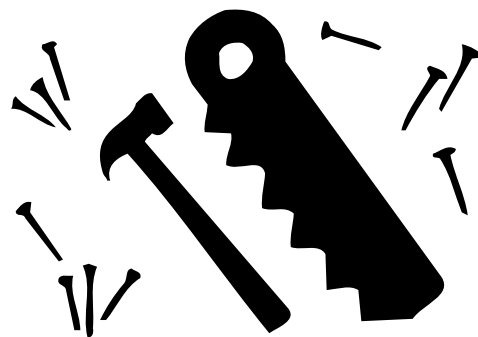
On the eastern side of the state, the Southeast Iowa Builders Association (SEIBA) supports this Construction Trades program by providing four new and four renewal \$1000 scholarships each year to qualified students in the Construction Man-

agement program.

In Red Oak, the Red Oak Industrial Foundation spearheads community support.

By successfully completing the basic industry program, Wheels of Learning, students can take advantage of many educational and career options within the construction field, including a transferable apprenticeship, and two- and four-year college degree options.

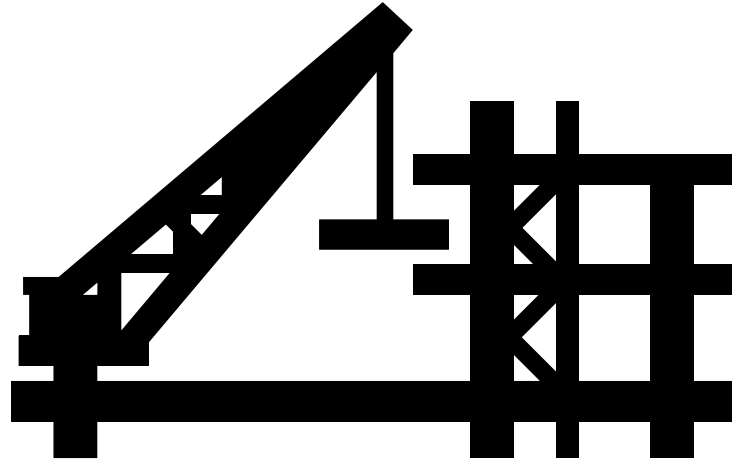
Students in the first two years of high school learn skills needed to succeed in the Wheels of Learning curriculum. During their last two years of high school, students may enroll in year-long



carpentry classes, which fulfill the requirements for the first level of a carpentry

apprenticeship program recognized by the National Center for

ogy articulate with programs at UNI or WIU.



Construction Education and Research (NCCER).

After high school, students enrolled in the program through Southeastern Community College can choose to pursue an apprenticeship continuation sponsored through an employer, an Associate degree in Construction Technology, a diploma in Construction Technology, or an Associate degree with a Construction Management emphasis.

For students interested in pursuing a bachelor's degree and beyond, the Associate degrees in Construction Technol-

Southwestern Community College program students may also pursue an apprenticeship continuation sponsored through an employer or an Associate degree in Construction Technology, with articulation possible into programs at the University of Northern Iowa.

A community college instructor teaches the carpentry classes and coordinates the OJT experiences needed for the apprenticeship program, which allows granting of both high school and college credit. Students are enrolled as community college students and have a transcript created. ==

## Student-run business starts at Pocahontas Area High School

**T**he “crown jewel” of the Industrial Technology Department at Pocahontas Area High School helps a local business pump mud. Yes, pump mud – that is, make the gas-kets used in the mud pumps produced by a local firm.

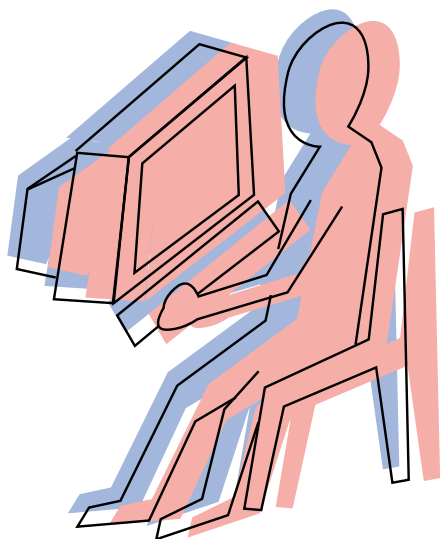
From such a utilitarian activity comes the solid foundation for a new technology program using a 30 watt cutting laser.

Roger Francis, Pocahontas Area High School principal, states that because the laser can be applied to a variety of surfaces – from glass and painted metal to wood or plastics, it can also produce etching and cutting for “novelty” items, such as prom glasses, wall plaques, and name tags.

This new student-run business ties together several current

Pocahontas Area High School programs, including Blueprint Reading, Computer-Aided Drafting, and Manufacturing Enterprises.

Plans are in the works to incorporate the accounting department for bookkeeping services, publications classes to create adver-



tising, and the English department to help students learn how to properly apply for jobs within this school-run business.

The program, currently housed at the Alternative School site, includes regular curriculum courses. It provides a valuable tool for helping students learn how to be competitive in the workforce once they leave school.

For more information about the student-run laser cutting business project, contact Mark Reynolds, Pocahontas Alternative High School, at 712-335-3981. ==

...from the Bureau

*continued from page 1*

education. All consultants will be assuming responsibilities for assisting the Area Tech Prep Coordinators and for completing grant administration and monitoring activities.

Area Perkins Assignments for Bureau consultants are:

|         |                  |                |
|---------|------------------|----------------|
| Area 1  | Janet Woodruff   | (515) 281-8488 |
| Area 2  | Colleen Hunt     | (515) 281-0319 |
| Area 3  | Rod Thompson     | (515) 281-3590 |
| Area 4  | Rod Thompson     | (515) 281-3590 |
| Area 5  | Roger Foelske    | (515) 281-4700 |
| Area 6  | Betty Bielenberg | (515) 281-4716 |
| Area 7  | Dale Gruis       | (515) 281-4712 |
| Area 9  | Fidelis Ubadigbo | (515) 281-3080 |
| Area 10 | Jim Fliehler     | (515) 281-4709 |
| Area 11 | Jim Fliehler     | (515) 281-4709 |
|         | Colleen Hunt     | (515) 281-0319 |
| Area 12 | Ken Maguire      | (515) 281-8353 |
| Area 13 | Jerry Lamers     | (515) 281-4721 |
| Area 14 | Russ Carey       | (515) 281-3072 |
| Area 15 | Vacant           | (515) 281-3875 |
| Area 16 | Tom Grimm        | (515) 281-4707 |

Consultants will also participate in school improvement visits.

Recently, negotiations with the United States Department of Education have been completed to determine performance levels required to gain eligibility for future Carl D. Perkins funds and for the state to gain eligibility for incentive grants. With this process comes increased emphasis on using data and reporting accurately. Your assistance and cooperation is vital for Iowa’s success. ==



# iowa Career & Technical Education

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Writing and design — *Jill J. Jensen*

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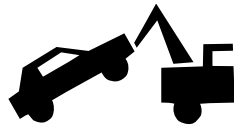
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Pocahontas Area High School
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Southwestern Community College

## New programs for Northwest Iowa Community College *continued from page 1*

sionals, expecting an increase of nearly 20 percent between 1996 and 2006.

The new Automotive Machining diploma program will provide graduates with skills needed in today's automotive industry, including engine performance, electricity, and engine reconditioning. NCC's automotive program is the only one in Iowa to include Automotive Machining.

In an auto accident, damage often occurs to more than just the vehicle's external surfaces. By expanding NCC's Auto Body program to a two-year



Associate degree level, students can receive expanded skills in both exterior restoration techniques and internal mechanical operations.

A Production Welding certificate will be offered to



anyone who wants to learn basic welding. Given the strong demand for skilled welders in area industries, this highly individualized program can be completed in just one semester.

Any business that wants to stay competitive

must employ skilled computer programmers, although hiring and retaining those employees is a challenging task. Such were the findings of the Skills 2000 Study. Because demand for NCC's current Applied Computer Programming program exceeds capacity, a new two-year Associate degree program in Computer Networking Technology has been developed with a focus on establishing computer systems, understanding and implementing network technologies, and providing technical support. ==

