

Tech WORKS

Advanced Manufacturing



Steps to complete a Tech WORKS in Advanced Manufacturing:

At least seven total classes in Career Technology Education Department with a "C" or above

Required courses:

- Computer Aided Drafting & Design (CADD)*
- Woods
- Small Engines
- Metals
- Customer Service Strategies**

Area of emphasis classes in the Advanced Manufacturing Career Pathway (select at least three):

Select an area to emphasize in or take all courses and be prepared for both areas-

CNC Operation

- Machine Operations I: INT 355**
- Manufacturing
- Architectural CAD*
- Computer Technical Drafting

Welding

- Basic Gas Metal Arc Welding: INT 366*
- Manufacturing
- Flame/Plasma Cutting Fundamentals: INT 368**
- Architectural CAD*
- Computer Technical Drafting

Attend three career fairs

Attend two company tours

Go on at least one community college/college/university/apprenticeship program tour

Students must have a good attendance record, be in class on time and demonstrate cell phone etiquette during classes

All students will successfully fulfill all DCSD requirements for graduation



Dubuque
COMMUNITY SCHOOLS



LIVE UNITED
United Way
United Way of
Dubuque Area Tri-States

NORTHEAST IOWA
COMMUNITY COLLEGE
student driven...community focused

* Articulated classes - Allows high school students to earn college credit through agreements between their high schools and Northeast Iowa Community College. Area school districts and NICC agree on core competencies and performance levels to ensure credits are transferable to the College.

** Concurrent classes - These classes enable high school students who have met the eligibility requirements of the College and high school to take college coursework.