

Advanced Manufacturing

Steps to pursue a career in Advanced Manufacturing:

Required courses:

- Engineering Drafting & Design I
- Woodworking
- Small Engines
- Metals

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
- Engineering Drafting & Design II

Welding

- Welding
- Introduction to Professional Welding: INT501/INT502**
- Engineering Drafting & Design II

College level courses to consider:

- Applied Math I**
- Applied Math II**
- Comp I**

Attend high school career fairs

Attend one company tour and one job shadow

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

All students will successfully fulfill all DCSD requirements for graduation

Post-Secondary Options:

On-the-job training
Community/Technical College
Apprenticeship Program



Dubuque
COMMUNITY SCHOOLS



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