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*This program offers excellent career opportunities for both male and female students.*

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## Credits, Articulations & Prerequisites

### Credits:

Cross credit with some academic courses (including 4<sup>th</sup> year related math, VPAA, math & science) may be available and will be reviewed on a case-by-case basis with each district's counseling department.

### Articulations:

- Davenport University
- Delta Community College
- Northern Michigan University

### Prerequisites:

- Junior status
- Grade of C or better and instructor approval to go on to the advanced level

## Program Description

This program provides entry-level and upgrade training in kitchen cabinet/furniture construction and provides students with a broad-based set of skills that is required by the wood products manufacturing industry and is directly transferable to the manufacturing sector in general. Students are introduced to the valuable skills necessary for employment and post-secondary woodworking programs. The program also includes state-of-the-art cabinetmaking equipment in which students learn how to operate machines to perform the necessary tasks safely, efficiently, and with a high degree of quality. This program stresses safety and safe operating conditions will be reviewed. Students are provided training in cabinet and furniture construction skills for making traditional face frame and European (32 mm) cabinet systems including cabinet analysis and design with the development of process route sheets, estimating, and bill of materials commonly used in modern industry. Special emphasis is placed on specifications of state-of-the-art woodworking machinery and theory.

At the advanced level, students will have laboratory experiences using high-performance woodworking machines. They will perform individual machine set-ups and produce high-quality work.

## Special Features

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*Leadership and work-based learning opportunities available.*

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#### STATEMENT OF COMPLIANCE

The Downriver Career Technical Consortium complies with all federal laws and regulations of the U.S. Department of Education. It is the policy of the Downriver Career Technical Consortium that no person on the basis of race, color, religion, national origin or ancestry, age, gender, marital status, disability or limited English proficiency shall be discriminated against or excluded from participation in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education. Furthermore, the consortium will encourage participation by all of the above.