



Learning Center Building
22000 Gibraltar Rd., Flat Rock, MI 48134

CAP SHEET

PROGRAM: **Welding**

TEACHER: M. Salgat

SCHOOL: Woodhaven



Credits given in addition to regular CTE are:

- 4th Year Math Related 1 Credit
- VPAA 1 Credit
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Articulation agreements and/or licensure opportunities are:

- Davenport University
- Wayne County Community College district

Prequisites for this program (including application processes if needed) are:

- Grade of C or better in Welding I to move to Welding II

**THIS PROGRAM OFFERS EXCELLENT CAREER OPPORTUNITIES FOR
BOTH MALE AND FEMALE STUDENTS**

BRIEF DESCRIPTION OF THIS PROGRAM

Welding I is the first part of a two year program designed to provide technical training for a career in welding or its related fields. Students will be exposed to a realistic industrial environment designed to foster safe working skills and practices. Students will also get experience working with all different types of metals and their properties. Students will get hands on training in all aspects of metals fabrication, including but not limited to SMAW, GMAW, FCAW, and OAW and Brazing. Cutting processes such as OAC and Plasma cutting will also be emphasized. They will also experience hands on application of all metal fabrication equipment including the use of high speed steel drill press, brake, sheers, punches, grinders, etc. Standards for the class are taken from the American Welding Society Guide.

Welding II is the second part of the two year program. This program will extend the knowledge gained from Welding I with more in depth types of welds, and when and how they are used.

SPECIAL FEATURES OF THIS PROGRAM

Students will have the opportunity to design and fabricate their own projects. They will also have the opportunity to participate in welding competitions, including Skills USA, the Boilermakers, Ferris State University and the Washtenaw Invitational.



DCTC

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Airport, Flat Rock, Gibraltar-Carlson, Grosse Ile, Huron, Riverview,
Southgate-Anderson, Trenton and Woodhaven**

STATEMENT OF COMPLIANCE WITH FEDERAL LAW

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, height, weight, marital status, disability, or limited English proficiency shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to, discrimination 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.