

FLAT ROCK HIGH SCHOOL
25600 SENECA
FLATROCK MI,48134
734-535-6614

Course Name: Welding, Brazing & soldering

Course Number: 190-192

Course Credit: 3 credits

School Year: 2008-2009

Instructor: JIM FOWLER

Course Description: seg 1 occupational orientation segment2 safety
segment 3 smaw segment 4 manual oxy-fuel cutting segment 5mechanical oxy-
fuel cutting segment 6GMAW segment7 drawings and welding symbols
segment8fluxed cored arc welding segment 9 GTAW segment 10 plasma
segment 11welding inspection and testing segment 12 air carbon arc cutting

Course Objectives: Students will learn skills of welding and cutting
with paths to entry level jobs in industry

Student Competencies: Students must be able body willing to work and
get dirty.

Required Text: AWS welding requirements

References & Other Resources: AWS

Course Advisory Committee: Dick knoles, Keith Fielder, Jeremy Magrum,
Miles Tilley, Max Davidson, Gordy Ebsch

Class Assignments: This is a practical class with practicing welding in different positions and processes with once a week lecture

Final Exam: 3 final exams 1 exam for each trimester on the lecture material covered once a week on welding processes

Class Policies: Students are to stay busy throughout the two hour period practicing their skills. No horse play of any kind. Students are required

Evaluation & Grading: Students are graded on participation and lecture. Students are also required to keep a notebook of the lectures for a grade

Course Outline: Type Course Outline by Topic (i.e. I. Introduction, II. Vocabulary, III. Careers, etc.)

Articulation Agreements: Washtenaw comm. College