

Welding Course Competency Evaluation Form

Student Name (PRINT) Requesting Credit: _____

Student School Where Credit Earned: _____

Instructor Authorizing Student Work: _____

List of Student Competencies (Course Mastery = 8 of 12 competencies to skill level 4 or 5):

(Rating Scale: 5 = Demonstrated Ability with no guidance, 4 = Demonstrated Ability with some guidance, 3 = Demonstrated Ability with major guidance, 2 = has been Exposed, 1 = no Exposure)

1. Student practices safe work habits using SMAW & related lab equipment.	5 4 3 2 1 0
2. Set up and operate typical welding lab equipment (iron workers, shears, grinders, saws, testing equipment, etc.)	5 4 3 2 1 0
3. Identifies & select common materials and proper tools used to complete tasks in a welding lab.	5 4 3 2 1 0
4. Demonstrated ability to operate OFC equipment and make straight and bevel cuts on plate thickness carbon steel in various positions.	5 4 3 2 1 0
5. Operates mechanical OFC equipment to make straight and bevel cuts on plate thickness carbon steel.	5 4 3 2 1 0
6. Demonstrated ability to identify, setup, and operate SMAW equipment.	5 4 3 2 1 0
7. Identifies common electrodes used for SMAW welding of carbon steel – F3 & F4.	5 4 3 2 1 0
8. Produces sound fillet and groove welds on plate thickness carbon steel in horizontal (2F & 2G) position using SMAW equipment – F3 & F4 electrodes.	5 4 3 2 1 0
9. Produces sound fillet welds on plate thickness carbon steel in Vertical (3G) position using SMAW equipment – F3 & F4 electrodes.	5 4 3 2 1 0
10. Produces sound fillet on plate thickness carbon steel in overhead position using SMAW equipment – F3 & F4 electrodes.	5 4 3 2 1 0
11. Performs visual testing (VT) of fillet and groove welds using proper instruments to evaluate welds in accordance with AWS D1.1 Structural Code.	5 4 3 2 1 0
12. Demonstrated ability to complete and pass a guided bend test in accordance with the AWS D1.1 Structural Code in the horizontal (2G) position on plate thickness carbon steel.	5 4 3 2 1 0

Teacher: Please use the rating scale above to evaluate student's abilities while working in your welding program or on the job training activity. Circle the appropriate number to indicate student's ability level for each competency. Competency rating should be representative of student's job readiness as well as performance in your class.

MCC WELD PROGRAM CLASS CREDIT REQUESTED

WELD 102a (2CR) Request Date: _____

*Approval date: _____

*Valid only for one (1) year from date of completion.

Recommendation: Using competency profile, course performance objectives, teacher evaluation, and grades (*by signing below you recommend the student to receive 2.0 articulated college credits for successful completion of high school coursework in welding*):

Student Signature:

HS Instructor Signature:

Dean, Applied Science and Engineering Technology
Monroe County Community College

Welding Instructor
Monroe County Community College