

## 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 GTAW & 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 PAC equipment and make straight cuts on gauge thickness carbon steel in various positions.	5 4 3 2 1 0
5. Identify, select, and prepare appropriate materials for completing GTAW objectives on carbon steel.	5 4 3 2 1 0
6. Demonstrated ability to identify, setup, and operate GTAW equipment for Carbon Steel.	5 4 3 2 1 0
7. Identifies common electrodes used for GTAW welding of carbon steel.	5 4 3 2 1 0
8. Produces sound fillet and groove welds on gauge thickness carbon steel in horizontal (2F & 2G) position using GTAW equipment.	5 4 3 2 1 0
9. Produces sound fillet and groove welds on gauge thickness carbon steel in Vertical (3F & 3G) position using GTAW equipment.	5 4 3 2 1 0
10. Produces sound fillet and groove welds on gauge thickness carbon steel in overhead (4F & 4G) position using GTAW equipment.	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. Identifies discontinuities and explains corective actions for each application in accordance with the AWS D1.1 Structural Code.	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 104a (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