

STUDENT LEARNING OUTCOMES ASSESSMENT

WELDING PROGRAM 2009

PART A

1. Identify three course outcomes you will assess this academic year”

For this analysis, I will assess three specific course outcomes from my Weld 110 Beginning Welding syllabus:

- A. Demonstrate social and personal responsibility necessary for success in the workplace.
- B. Demonstrate ability to comply with organizational rules and policies.
- C. Demonstrate safe work habits and safety awareness.

2. Why are these course outcomes being reviewed?

I choose these outcomes because they represent core requirements for success in industry, as well as success in the Welding Program. It is vital that new students get headed in the right direction immediately upon entering the program. Students who can't comply with rules or who behave irresponsibly or unsafely must be turned around or be eliminated from the program.

3. To which program outcomes, if any, do these course outcomes link?

Course outcome A (Demonstrate social and personal responsibility necessary for success in the workplace) leads directly to the Welding Program outcome 8 (Demonstrate appropriate workplace behaviors).

Course outcome B (Demonstrate ability to comply with organizational rules and policies) also leads directly to the Welding Program outcome 8 (Demonstrate appropriate workplace behaviors).

Course outcome C (Demonstrate safe work habits and safety awareness) leads directly to the Welding Program outcome 8 (Demonstrate appropriate workplace behaviors) as well as to Welding Program outcome 6 (Recognize and avoid or resolve potentially hazardous situations related to welding operations).

4. What is the basis for the claims made in #3?

The direct relationship between the course and program outcomes is self-evident. Appropriate industrial workplace behaviors require social and personal responsibility, the ability to comply with organizational rules and policies, and safe work habits and safety awareness.

5. What methods will be used to assess each of these outcomes?

Course outcome A (Demonstrate social and personal responsibility necessary for success in the workplace) will be assessed using a “Work Habits Point Sheet” which tracks attendance, punctuality, early leaving, unauthorized breaks, and satisfactory homework completion.

Course outcome B (Demonstrate ability to comply with organizational rules and policies) will be assessed by instructor observation of student conduct in the shop and classroom. A syllabus containing detailed rules and policies for shop and classroom operations will be issued. Additional instructions will be issued orally. First and second time minor infractions will receive an oral reminder. Third time minor infractions will receive a written reprimand which outlines the consequences for a future offense, as well as possible expulsion from the shop for a day and/or referral to student services. Serious infractions will receive a written reprimand which outlines the consequences for a future offense, as well as possible expulsion from the shop for a day and/or referral to student services.

Course outcome C (Demonstrate safe work habits and safety awareness) will be assessed through instructor observation of student actions in the shop. A general safety class and test will be conducted at the beginning of the quarter. Specific safety instruction for each welding process and type of equipment used will be provided as students move through the course curriculum during the quarter. First and second time unintentional minor infractions will receive an oral reminder. Third time unintentional minor infractions will receive a written reprimand which outlines the consequences for a future offense, as well as possible expulsion from the shop for a day and/or referral to student services. Serious infractions will receive a written reprimand which outlines the consequences for a future offense, as well as possible expulsion from the shop for a day and/or referral to student services for more severe consequences.

6. What criteria will be used to determine successful achievement for each outcome?

Course outcome A (Demonstrate social and personal responsibility necessary for success in the workplace) will be successfully achieved if 60% of those who earn a “C” or better in Weld 110 achieve a Work Habits Point Sheet score of 94% (the minimum to be eligible for an “A” grade in the course) or higher.

Course outcome B (Demonstrate ability to comply with organizational rules and policies) will be successfully achieved if 90% of those who earn a “C” or better in Weld 110 complete the course without a written reprimand.

Course outcome C (Demonstrate safe work habits and safety awareness) will be successfully achieved if 90% of those who earn a “C” or better in Weld 110 complete the course without a written reprimand or a reportable accident.