Preparation for Certification

Course Number WD4.160

Syllabus
Preparation for Certification is a course designed to allow the individual who has achieved sufficient welding skill proficiency to prepare for applicable AWS Plate Welder Qualification Tests and/or ASME Pipe Welder Qualification Tests. The student may test during the course upon receiving Instructor permission based on Instructor evaluation of student-demonstrated welding skill level, welding technique, weld quality and consistency. Testing is performed by an independent testing agency. Prerequisite: WD4.152 Welding II or Instructor approval.

1. **Required Items** Furnished by the Student:
   - Clear Safety Glasses with sideshields
   - Leather welding gloves
   - High Top Hard Top Boots (no tennis shoes)
   - Suitable clothing that is non-flammable
   - Ear Plugs (optional)

2. **Lectures:**
   Information will be presented at the beginning of each class meeting.

3. **Lab Exercises:**
   The student will work at his or her own pace toward the applicable test or tests of his or her choice.

4. **Grading:**
   Grading is based on Attendance and Clean Up practices. In addition to each student cleaning up his or her welding booth area and aisle area, at the end of each class session each student is expected to assist in cleaning up an area of the shop that has been used by the class including lineburners, grinding areas, etc. Each student may choose an area of the shop to clean up or an area will be assigned by the Instructor.

   The student has the option of the following types of grading basis for the course for the term:

   - *A through F Letter Grade Basis*
   - *Pass / No Pass Basis*
   - *Audit*
The results of any certification test(s) taken during the term will not have an effect on the grade the student receives for the course.

5. **Breaks and Clean Up:**

The Instructor will announce break time at each class session. The student is expected to return from break on time and ready to resume work. Students returning late from break will be marked tardy.

The Instructor will announce clean-up time at the end of each class session, and then this procedure should be followed:

- Shut down the equipment you are using.
- Return any tools used to the proper area.
- Return unused steel to the proper area.
- Place welded pieces in the scrap container (cool if necessary)
- Return welding rods over 3” in length to the proper box or tray in the storage rack.
- Sweep off table top in welding booth, and place the welding stool on the table (please do not place the welding stool upside down on the table in the welding booth).
- Sweep floor of the welding booth and put the stubs and slag in the metal garbage can.

**All students are required to assist cleaning up an area of the shop that has been used during the class session.** This includes Pedestal Grinders, Line-Burner cutting areas, Pipe Cutting Machines, Grinding areas, Slag Chipping areas, etc. Floor areas and table tops should be swept at the end of each class session. All hand-held grinders are to be put away at the end of each class.
6. **Safety:**

The student is responsible to follow all safety rules and shop procedures, and to perform all tasks in a safe and conscientious manner. This includes wearing the required safety items (safety glasses, hard top boots or shoes, etc.) during the lab time. Note that all students are required to wear safety glasses at all times in the shop including under welding helmets, goggles, and face shields.

NOTE: The Instructor will verbally warn the student when required safety items are not being worn in the shop, or when safety procedures are not being followed. Upon the third verbal warning, the student will be withdrawn from the course by the Instructor.

**Disabilities Services and Emergency Planning – Meet with Instructor Week One**

If you have emergency medical information for your instructor, need special arrangements to evacuate campus, or have a documented disability, please meet with your instructor, by appointment, no later than the first week of the term, to discuss your needs. If you have a documented disability that will impact you at college and you seek accommodations, contact the Office of Disability Services (ODS) for intake and to document your disability with LBCC. Then, each term, at least two to three weeks prior to the start of classes, submit your “Request for Accommodations” form to ODS and pickup instructor letters. ODS may be reached from any LBCC campus/center by email to ODS@linnbenton.edu or by calling 917-4789. Letter pickup is available at each LBCC campus/center.

**LBCC Comprehensive Statement of Nondiscrimination**

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (for further information [http://po.linnbenton.edu/BPsandARs/](http://po.linnbenton.edu/BPsandARs/))