

Basic Welding 22-Hour Certificate +6245D

First Semester		
Course		Semester Hours
WLDG 1313	Introduction to Blueprint Reading for Welders	3
WLDG 1421	Introduction to Welding Fundamentals	4
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW) (1)	4
TECM 1303	Technical Calculations	3
		14
Second Semester		
Course		Semester Hours
WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW) (2)	4
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)** (3)	4
		8
		Total Hours 22

Student must make an appointment with the Welding Technology department for an interview and Bennett Mechanical Aptitude Testing. Test scores of 42 and above will be admitted to the Welding program. Test score of 41 and below will be given an alternative schedule that will include Elementary Physics I (PHYS 1405) and applicable math and reading classes. These students will also be placed on a wait list. Students not admitted into the program may retest during the next semester's registration.

Prerequisite: Bennett Mechanical Aptitude Test score of 42 or above and eligibility to enroll in READ 0306/ENGL 0307 and MATH 0306/0307.

Prerequisites or Co-requisites: (1) WLDG 1313 and WLDG 1421; (2) WLDG 1428; (3) WLDG 1457

+ Course of study identification number.

** Capstone Experience.

Note: A student who completes the required courses with an overall average of C may receive a Certificate of Completion in Basic Welding Technology.