

WELDING TECHNOLOGY

Uvalde Campus

Purpose

Welding Technology is a one-year certificate program for those who desire to gain advanced knowledge and skills in the field of welding. Skills in Oxy-Acetylene Welding and Cutting and Shielded Metal Arc Welding will be developed along with related learning in areas such as welding math, drafting, layout, blueprint reading and structural and pipe fabrication. Students completing the certificate will be able to seek entry-level employment in pipe and structural welding.

Admission Requirements

Students are admitted through regular college admission procedures (*see Admission Regulations section*). Students will receive a one-year Certificate upon satisfactory completion of the courses of study and upon making formal application for graduation (*see Curricula section*).

College Board policy requires all students to take the Accuplacer examination. Students pursuing this one-year Certificate do not have to pass the Accuplacer; however, those not scoring at the MATH 0302 level are encouraged to enroll in the appropriate developmental course.

WELDING TECHNOLOGY CERTIFICATE

Program of Study

	Fall Semester	<u>Credit</u>	Spring Semester	<u>Credit</u>
ORIE 0100 π	New Student Orientation		WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)4
or				
COLS 0300	College Success Skills		WLDG 1317	Introduction to Layout and Fabrication3
WLDG 1425	Introduction to Oxy-Fuel Welding and Cutting4		WLDG 1435 ¹	Introduction to Pipe Welding4
WLDG 1528	Introduction to Shielded Metal Arc Welding (SMAW)5		WLDG 1453	Intermediate Layout and Fabrication4
WLDG 1313	Intro to Blueprint Reading for Welders3			Total 15
	Total 12			Total Credit Hours for Certificate27

Notes: 1 Capstone course that consolidates the student's learning experiences.

π All students are required to take ORIE 0100/COLS 0300; however, ORIE 0100/COLS 0300 do not count toward degree requirements.

Tuition and Fees

Standard tuition and fees are assessed to each student as indicated in *Finances* section. Lab and uniform fees are also assessed. (*see Course Descriptions*).

