

Associate of Applied Science in Welding

Semester 1 Courses		
WLDG 1421	Introduction to Welding Fundamentals	4
WLDG 1413	Introduction to Blueprint Reading for Welders	4
WLDG 1428	Introduction to Shielded Metal Arc Welding	4
WLDG 1412	Introduction to Flux Cored Arc Welding	4
Total Semester Hours		16
Semester 2 Courses		
WLDG 1417	Introduction to Layout and Fabrication	4
WLDG 1430	Introduction to Gas Metal Arc Welding	4
WLDG 1434	Introduction to Gas Tungsten Arc Welding	4
WLDG 2413	Welding in Using Multiple Processes	4
Total Semester Hours		16
Semester 3 Courses		
SPCH 1315	Public Speaking	3
COSC 1301	Introduction to Computing	3
EDUC or PSYC 1100	Learning Frameworks	1
Two approved welding electives	See Below	8
WLDG 2406	Intermediate Pipe Welding	(4)
WLDG 2435	Advanced Layout and Fabrication	(4)
WLDG 2447	Advanced Gas Metal Arc Welding	(4)
Total Semester Hours		15
Semester 4 Courses		
ENGL 1301	Composition I	3
MATH 1324 OR MATH 1314	Mathematics for Business and Social Sciences College Algebra	 3
Social Science Elective	See Catalog	3
One approved welding elective	See Below	4
WLDG 2451	Advanced Gas Tungsten Arc Welding	(4)
WLDG 2452	Advanced Flux Cored Arc Welding	(4)
WLDG 2439	Advanced Oxy-Fuel Welding and Cutting	(4)
Total Semester Hours		13
Total Program Hours		60

CAPSTONE EXPERIENCE – Student will participate in a comprehensive capstone experience during the semester in which they complete their work.

This program is subject to the requirements of the Texas Success Initiative.