

Revised 3/2017

**ASSOCIATE OF APPLIED SCIENCE DEGREE
WELDING
(Probable Completion Time: 2 Years)**

Semester 1 Courses		Semester Hours
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		Semester Hours
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		Semester Hours
SPCH 1315	Fundamentals of Speech	3
COSC 1301	Introduction to Computing	3
EDUC 1100 or PSYC 1100	Learning Framework	1
Two Approved Welding Electives	(see below)	8
WLDG 2406	Intermediate Pipe Welding	4
WLDG 2435	Advanced Fabrication and Layout	4
WLDG 2447	Advance Gas Metal Arc Welding	4
Total Hours		15

Semester 4 Courses		Semester Hours
ENGL 1301	Composition and Rhetoric	3
MATH 1314	College Algebra	3
Social Science Elective		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 Degree Hours		60

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

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