

# WELDING

## WELDING TECHNOLOGY – AAS DEGREE PLAN

**PROGRAM INFORMATION:** The AAS degree in Welding Technology is an expansion of the Welding Certificate initiated in 2009. The AAS degree is designed to enhance knowledge and skills, as well as provide opportunities for students wishing to go on to pursue a four-year BAAS degree in related fields. This program will prepare students for Welding careers in general fabrication shops, construction, and pipe welding by providing instruction and hands-on experience in welding layout, and fitting skills. Welding practices and principles will guide students in multiple welding processes. Students will develop a strong working knowledge of all arc welding processes, and proficiency in oxy/fuel and plasma torch cutting processes.

**ADDITIONAL INFORMATION:** The Navarro College Welding Program is offered at the Corsicana campus. In addition, dual credit is available to high school students participating in Welding programs at eligible high schools in the Navarro College service area.

For additional information contact the Dean of Business, Professional and Technical at (903) 875-7572.

### FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
WLDG 1428	Intro to Shielded Metal Arc Welding	4
WLDG 1313	Intro to Blueprint Reading for Welders	3
WLDG 1430	Intro to Gas Metal Arc Welding (GMAW)	4
WLDG 1423	Welding Safety, Tools, & Equipment	4
Fall Total Credit Hours		15

### FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
WLDG 1434	Intro. To Gas Tungsten Arc Weld	4
WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG 2447	Advanced Gas Metal Arc Welding	4
Spring Total Credit Hours		12

### FRESHMAN YEAR - SUMMER

COURSE SECTION	COURSE TITLE	CREDIT HOURS
WLDG 1435	Intro to Pipe Welding	4
WLDG 2288	Internship-Welding Tech Welder	2
Summer Total Credit Hours		6

### SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
WLDG 2413	Inter Welding Using Multiple Processes	4
WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)	4
WLDG 1417	Intro to Layout & Fabrication	4
COSC 1301	Introduction to Computing	3
Fall Total Credit Hours		15

### SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
XXXX	Approved Language / Philosophy / Culture or Creative Arts	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
XXXX	Approved Social / Behavioral Science	3
ENGL 1301	Composition I	3
MATH 1324	Mathematics for Business and Social Sciences	3
MATH 1314	or College Algebra	3
Spring Total Credit Hours		12
Program Total Credit Hours		

Pre-requisites [WLDG 1435](#): [WLDG 1428](#), [WLDG 1457](#)

Pre-requisites [WLDG 2413](#): [WLDG 1430](#), [WLDG 1434](#)

Co-Requisites [WLDG 2413](#): [WLDG 1430](#), [WLDG 1434](#)