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
FIRST 8 WEEKS		
WLDG 1423	Welding Safety, Tools, & Equipment	4
WLDG 1428	Intro to Shielded Metal Arc Wleding	4
SECOND 8 WEEKS		
WLDG 1457	Intermediate Shielded Metal Arc Welding	4
WLDG 2443	Advanced Shielded Metal Arc Welding	4
Fall Total Credit Hours		16

FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
FIRST 8 WEEKS		
WLDG 1434	Intro To Gas Tungsten Arc Weld	4
WLDG 1430	Intro to Gas Metal Arc Welding	4
SECOND 8 WEEKS		
WLDG 2447	Advanced Gas Metal Arc Welding	4
WLDG 2451	Advanced Gas Tungsten Welding	4
Spring Total Credit Hours		16

SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
FIRST 8 WEEKS		
WLDG 1313	Intro to Blueprint Reading for Welders	3
WLDG 1417	Intro to Layout & Fabrication	4
SECOND 8 WEEKS		
WLDG 1435	Intro to Pipe Welding	4
WLDG 2288	Internship - Welding Tech Welder	2
Fall Total Credit Hours		13

SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
16 WEEK CLASSES		
COSC 1301	Intro to Computing	
XXXX	Approved Language / Philosophy / Culture or Creative Arts	3
XXXX	Approved Social / Behavioral Science	3
ENGL 1301	Composition I	3
MATH	Approved Core Math	3
Spring Total Credit Hours		15
Program Total Credit Hours		60

Pre-requisites WLDG 1435: WLDG 1428, WLDG 1457
Pre-requisites WLDG 2413: WLDG 1430, WLDG 1434
Co-Requisites WLDG 2413: WLDG 1430, WLDG 1434