

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 Welding | 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](#)