

WELDING

WELDING TECHNOLOGY – AAS DEGREE PLAN

PROGRAM INFORMATION: The Associate of Applied Science (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 Bachelor of Applied Arts and Science (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 location. 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 Workforce, Career, and Technical Education at (903) 875-7481.

FRESHMAN YEAR - FALL

FIRST 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|--|--------------|
| WLDG 1423 | Welding Safety, Tools, & Equipment | 4 |
| WLDG 1428 | Introduction to Shielded Metal Arc Welding | 4 |
| Freshman Fall First 8 Week Total Credit Hours | | 8 |

SECOND 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|---|--------------|
| WLDG 1457 | Intermediate Shielded Metal Arc Welding | 4 |
| WLDG 2443 | Advanced Shielded Metal Arc Welding | 4 |
| Freshman Second 8 Week Total Credit Hours | | 8 |
| Freshman Fall Total Credit Hours | | 18 |

FRESHMAN YEAR - SPRING

FIRST 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|--|--------------|
| WLDG 1434 | Introduction To Gas Tungsten Arc Welding | 4 |
| WLDG 1430 | Introduction to Gas Metal Arc Welding | 4 |
| Freshman Spring First 8 Week Total Credit Hours | | 8 |

SECOND 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|--------------------------------|--------------|
| WLDG 2447 | Advanced Gas Metal Arc Welding | 4 |
| WLDG 2451 | Advanced Gas Tungsten Welding | 4 |
| Freshman Spring Second 8 Weeks Total Credit Hours | | 8 |
| Freshman Spring Total Credit Hours | | 16 |

SOPHOMORE YEAR - FALL

Prerequisites [WLDG 1435](#): [WLDG 1428](#)

FIRST 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|---|--------------|
| WLDG 1313 | Introduction to Blueprint Reading for Welders | 3 |
| WLDG 1417 | Introduction to Layout and Fabrication | 4 |
| Sophomore Fall First 8 Weeks Total Credit Hours | | 13 |

SECOND 8 WEEKS

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|--|----------------------------------|--------------|
| WLDG 1435 | Introduction to Pipe Welding | 4 |
| WLDG 2288 | Internship - Welding Tech Welder | 2 |
| Sophomore Fall Second 8 Weeks Total Credit Hours | | 13 |

SOPHOMORE YEAR - SPRING

16-WEEK CLASSES

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|-------------------------------------|---|--------------|
| COSC 1301 | Introduction to Computing | 3 |
| X3XX | Approved Language / Philosophy / Culture or Creative Arts | 3 |
| X3XX | Approved Social / Behavioral Science | 3 |
| ENGL 1301 | Composition I | 3 |
| X3XX | Approved Core Math | 3 |
| Sophomore Spring Total Credit Hours | | 15 |
| Program Total Credit Hours | | 60 |

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on [SACSCOC's website](#).