



## **SUMMARY**

Upon completion of the Grayson College Dual Credit Welding Program, students will be prepared for employment as entry-level welders. They can also continue to higher certification levels or complete the A.A.S. degree in Welding.

## **CERTIFICATE**

GC Combination Welder Certificate, Students may test for AWS Sense Certificate Level 1

## **INSTRUCTOR**

Grayson College provides instructor for program

## **CURRICULUM**

Curriculum is provided by Grayson College and consists of materials located in the Canvas Learning Management System and hands-on lab activities.

## **SCHEDULE**

The welding program has an innovative open lab concept. Students complete online coursework and required weekly hours in a laboratory setting on the Denison or Van Alstyne campuses. Students may attend labs; the labs are available during the week to complete the required hours. This flexibility allows students to participate in other activities such as athletics, band, or academic teams.

## **FACILITY**

Classes are held online and in a face-to-face format at the Denison and Van Alstyne campus.

## **TSI REQUIREMENT**

None

## **PREREQUISITES**

None

## **VACCINATION REQUIREMENT**

State law requires that students under the age of 22 who will attend classes on a GC campus must provide documentation of a meningococcal vaccination within the previous 5 years or a conscientious objection waiver. Students will not be enrolled without this documentation.

## **TUITION & FEES**

\$97/credit hour + applicable fees

## TEXTBOOK & SUPPLIES

- Textbooks and Online Resources: approx. \$890
- Welding Kit: approx. \$712-1050 (depending on helmet, picked up from Airgas), GTAW kit-- \$474

## FINANCIAL AID

Full or partial tuition waivers are available for dual credit students on free or reduced lunch programs.

## TYPICAL COURSE OF STUDY

Advanced courses are offered on a rotating basis. Please contact the course instructor for advising and individual consideration.

### Junior Year Courses

| Semester | Course    | Course Title                               | Hours |
|----------|-----------|--|-------|
| Fall     | WLDG 1421 | Welding Fundamentals                       | 4     |
| Fall     | WLDG 1428 | Introduction to Shielded Metal Arc Welding | 4     |
| Spring   | WLDG 1430 | Introduction to Gas Metal Arc Welding      | 4     |
| Spring   | WLDG 1457 | Intermediate Shielded Metal Arc Welding    | 4     |

### Senior Year Courses

| Semester | Course    | Course Title                             | Hours |
|----------|-----------|--|-------|
| Fall     | WLDG 1434 | Introduction to Gas Tungsten Arc Welding | 4     |
| Fall     | WLDG 2447 | Advanced Gas Metal Arc Welding           | 4     |
| Fall     | DFTG 1425 | Blueprint Reading                        | 4     |
| Spring   | WLDG 2406 | Intermediate Pipe Welding                | 4     |
| Spring   | WLDG 2451 | Advanced Tungsten Arc Welding            | 4     |

**Total Hours: 36**

## QUESTIONS

Director of Dual Credit CTE Programs

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