

# GUIDED PATHWAY: GAS TUNGSTEN ARC WELDING (GTAW) CERTIFICATE

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Welding webpage](http://www.dcccd.edu/Welding) [www.dcccd.edu/Welding] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing the Welding Technology – Gas Tungsten Arc Welding (GTAW) Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Welding Technology – Gas Tungsten Arc Welding (GTAW) Level I Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

The Gas Tungsten Arc Welding (GTAW) certificate program is designed to qualify students in the gas tungsten welding processes on either plate or pipe in accordance to the American Welding Society (AWS) or the American Petroleum Institute (API) welding procedures. Courses that complete the Gas Tungsten Arc Welding (GTAW) Certificate are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

<b>Catalog Year</b>	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
<b>Degree Type</b>	Level I Certificate	
<b>GPA Requirement</b>	Student must earn a GPA of 2.0 or higher	
<b><a href="#">TSI</a></b>	May be Exempt	

## SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

### CERTIFICATE MINIMUM: 16 SEMESTER CREDIT HOURS

#### SEMESTER 1

**Total Hours: 8**

[WLDG 1434](#) – Introduction to Gas Tungsten Arc (GTAW) Welding

[WLDG 1425](#) – Introduction to Oxy-fuel Welding and Cutting

#### SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

#### SEMESTER 2

**Total Hours: 8**

[WLDG 2451](#) – Advanced Gas Tungsten Arc Welding (GTAW)

[WLDG 1471](#) – Welding Qualifications

#### SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic and career path and program of study.
2. Meet with a career advisor or coach for assistance in preparing for job search.
3. Meet with your advisor to apply for the Gas Tungsten Arc Welding Certificate.

**PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS**