

Welding Technology

Gain a broad foundation in consumable and non-consumable electrode welding and electronic processes. Learn industry-standard skills such as blueprint reading, metallurgy, and destructive testing.

Employment opportunities include entry-level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, and welding-related self-employment.

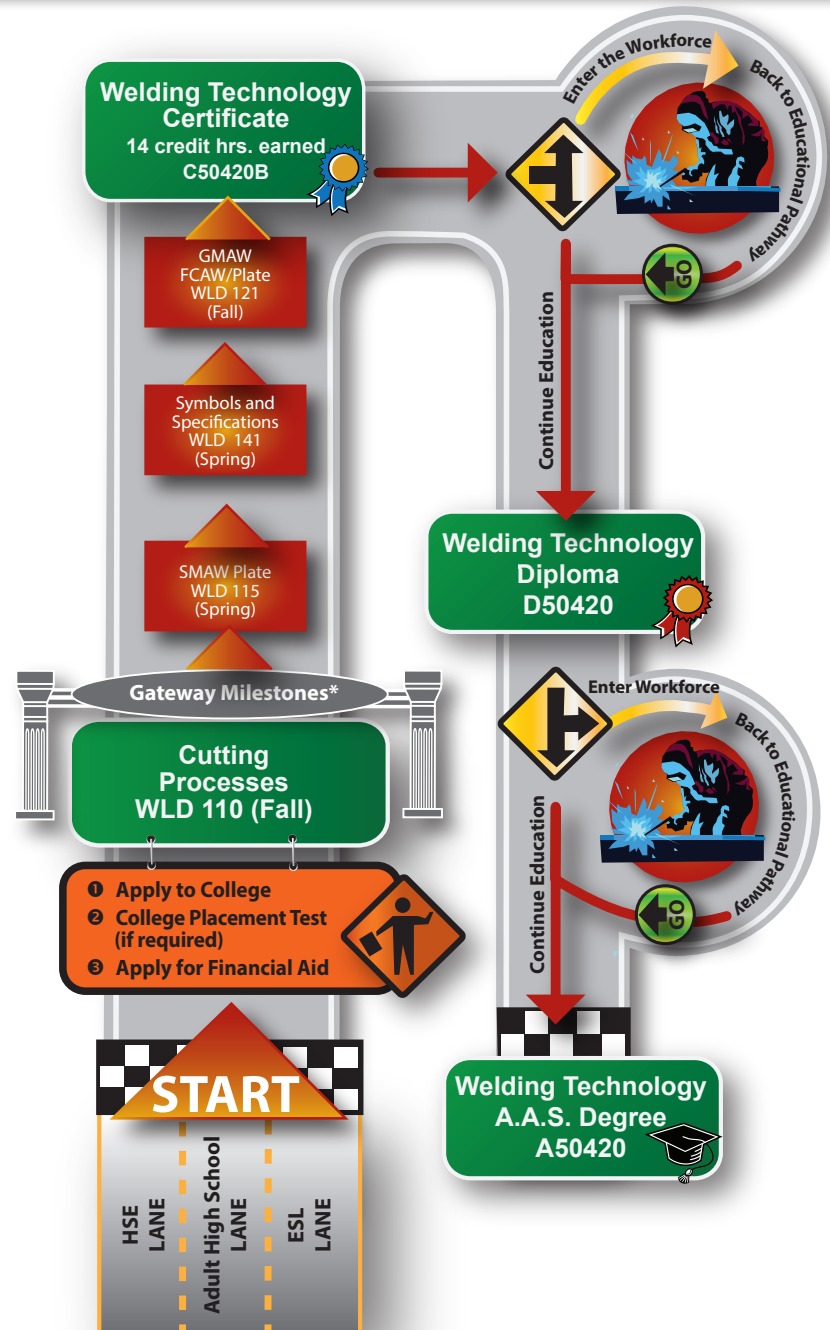
Types of Courses:

- Academic Skill Building
- Welding Classroom and Shop
- Career Readiness Skills

How to Start:

Contact the College and Career Readiness
CONNECT team:

ccrconnect@waketech.edu



* Gateway Milestones

REQUIRED WORKSHOPS

- College Application /Financial Aid
- College Placement Test (if required)

Complete

High School Equivalency Tests or Earn High School Diploma

Welding Technology

CERTIFICATE PROGRAM



Welding Technology Certificate (C50420B)

Replaces Curriculum Schedule with Revision Date: FA2013

Date Revised: FA2014

CURRICULUM BY SEMESTER

| | | | Hours Per Week | | |
|-----------------|-----|-----------------------|----------------|-----|---------|
| Course No. | | Course Title | Class | Lab | Credits |
| Fall Semester 1 | | | | | |
| WLD | 110 | Cutting Processes | 1 | 3 | 2 |
| WLD | 121 | GMAW (MIG) FCAW/Plate | 2 | 6 | 4 |

| | | | | | |
|-------------------|-----|--------------------------|---|---|---|
| Spring Semester 1 | | | | | |
| WLD | 115 | SMAW Stick Plate | 2 | 9 | 5 |
| WLD | 141 | Symbols & Specifications | 2 | 2 | 3 |

Graduation Requirement Credit Hours: 14