



Welding Technology courses allow high students in grades 10, 11 and 12 to begin their technical classes. In order to earn an Associate of Applied Science (AAS) Degree in Welding Technology, a student must complete 60 credit hours. Please utilize the College Catalog from our website to validate program/degree requirements. A 3rd party credential in Welding Level I may be earned upon successful completion of 19 credit hours as outlined below. Welding Level II can be awarded upon successful completion of an additional 27 credit hours. High school course offerings are not available in all areas.

**Cost**

Secondary students enrolled in a post-secondary tiered technical course at Pratt Community College will not be charged tuition or general fees. Students will be responsible for book and course fees. Course fees may be charged for designated courses.

Secondary students who enroll in courses that are non-tiered will be charged the current tuition and fees as set by Pratt Community College.

Student must provide helmet, pliers, work clothes, gloves, safety glasses, cutting glasses, and a tape measure.

**Degree / Certification Options**

Pratt Community College offers an Associate of Applied Science (AAS) Degree and Level I and Level II Certifications in Welding Technology. Students who complete the required certification course work will earn their Level 1 and Level II Certifications. Students wishing to pursue the AAS degree in Welding Technology will need additional welding and general education courses.

**High School Core Competencies**

Welding courses are connected to both math and science. Students completing Welding certifications have demonstrated both application and understanding of both math and science.

**Required Courses – First Semester**

- ^WLD111-Blueprint Reading and Welding Symbols – 2 cr. hrs.
- ^WLD136 – Safety and Health for Welders – 1 cr. hrs.
- ^WLD112 – Oxy-Acetylene Welding and Cutting Processes – 3 cr. hrs.
- ^WLD104 – Shielded Metal Arc Welding I – 3 cr. hrs.
- ^APT215 - Material Handling and Plant Layout - 1 cr. hrs.

9 college cr. hrs.

**Required Courses – Second Semester**

- ^WLD114 – Gas Metal Arc Welding I – 3 cr. hrs.
- ^WLD218 - Gas Metal Arc Welding II or WLD115 – Gas Tungsten Arc Welding I – 3 cr. hrs.
- ^WLD204 – Shielded Arc Welding II – 3 cr. hrs.
- ^WLD132 Design and Fabrication – 3 cr. hrs.

12 college cr. hrs.

**Required Courses – Third Semester**

- ^WLD214 – Gas Metal Arc Welding II – 3 cr. hrs.
- ^WLD131 Pipe Welding – 3 cr. hrs.
- ^WLD115 - Gas Tungsten Arc Welding 1- 3 cr. hrs.
- ^WLD234 – Robotic Welding – 2 cr. hrs.
- ^WLD131 – Pipe Welding I – 3 cr. hrs.
- ^WLD235 – Specialty Welding Processes – 2 cr. hrs.
- ^WLD200 – Welding Internship- 5 cr. hrs.

19 college cr. hrs.

**^Tiered technical course**

- \*Course tuition and fees apply-check with Admissions
- \*\*Course credit may be earned through Articulation agreements
- +Placement Test Required

**Potential Earnings**

- Entry Level: \$28,000
- Median: \$40,000
- Experienced: \$60,000