

Dual Enrollment Welding Advanced Manufacturing

PROGRAM OF STUDY PROFILE

The Dual Enrollment Welding program is operated in partnership with Tennessee College of Applied Technology (TCAT) of Nashville. Students will attend either the Portland campus or Springfield Career Tech Center at Springfield High School. Students will be taught by a TCAT instructor and accumulate the same clock hours as if they were attending a TCAT institution. Furthermore, students can continue their instruction to obtain their full welding certification after high school. During high school student can use the [Dual Enrollment Grant](#) to pay for their classes through this program.

Career Pathway



Tennessee College of Applied Technology – Welding Technology

Shielded Metal Arc Welder Certificate – 432 clock hours – Can be completed in High School

Gas Metal Arc Welder – 864 Clock Hours

Gas Tungsten Arc Welder/Combination Welder – 1296 Clock Hours

Career
Opportunities

The nation's aging infrastructure will require the expertise of welders, cutters, solders, and brazers to help rebuild bridges, highways and buildings. The basic skills of welding are similar across multiple industries, so welders can easily shift from one industry to another, depending on where they are needed most. Obtaining a certification in welding can also be a way to start your own fabrication business or develop into a materials engineer.