

Advanced Shielded Metal Arc Welder (OSM1)

Certificate eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This pathway is based on the 2026-2027 academic year.



1 st set of suggested courses			
Course		Hours	Completed
WELD 1050	Horizontal Shielded Metal Arc Welding	4	☐
WELD 1060	Vertical Shielded Metal Arc Welding	4	☐
WELD 1070	Overhead Shielded Metal Arc Welding	4	☐

Total Credit Hours: 12 Minimum Credit Hours Required to Complete Certificate

Advanced Shielded Metal Arc Welder Certificate Planning Notes:

- Classes for this program are offered at the Floyd County Campus, Walker County Campus, and Whitfield Murray Campus (schedules may vary).
- Must complete the Basic Shielded Metal Arc Welder (FS31) Certificate prior to admission to this program.
- This certificate can be earned concurrently with the Welding and Joining Technology (WAJ2) Diploma.
- Program Advisors by campus: Brandon Johnson, bjohnson@gntc.edu (Floyd), Jeremiah Cooper, jcooper@gntc.edu (Walker), Billy Brown, bbrown@gntc.edu or Matthew Daniel, mdaniel@gntc.edu (Whitfield-Murray).

Additional information for the Advanced Shielded Metal Arc Welder Certificate and program requirements can be found at [GNTC 2026-2027 Catalog](#).