

COMBO WELDING, TECHNICAL DIPLOMA

The Technical Diploma in Combo Welding program is a comprehensive course of instruction along the spectrum of welding processes. Students gain hands-on training in the most common processes/types of welding:

SMAW (Stick), Flux-core, MIG, TIG, Open-root, and Pipe. Within this program, students will also learn welding blueprint basics, fitting, field skills for welders, and industrial & plant safety. The American Welding Society (AWS) tests and certifies our student welders at the end of each term. After successful completion of this program, a student is then recognized as a certified combo welder and can gain an advanced, professional welding position in the workforce throughout a wide range of industrial settings.

Code	Title	Hours
Major Courses ¹		
HUDV 1070	Living-Learning-Working Skills	3
INDT 1030	Industrial & Plant Safety	3
WELD 1000	Introduction to Welding	3
WELD 1110	Shielded Metal Arc Welding I	3
WELD 1200	Shielded Metal Arc Welding II	3
WELD 1300	Shielded Metal Arc Welding III	4
WELD 1500	Field Skills for Welders	3
WELD 1600	Gas Metal Arc Welding	3
WELD 1800	Flux-Cored Arc Welding	3
WELD 1900	Fitting for Welders	3
WELD 2000	Open Root Welding	4
WELD 2100	SMAW Pipe I	5
WELD 2200	SMAW Pipe II	5
WELD 2800	Gas Tungsten Arc Welding	5
WELD 2900	Blueprint Rdnng for Weld&Fabric	3
Total Hours		53

¹ Students must earn a grade of "C" or better in each course.