

WELDING TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Curriculum

(60 Semester Credit Hours)

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours
First Semester		
TMAT 1203	Technical Mathematics (or higher math - Must pass with a "C" or better)	3
WLD 1103	Introduction to Thermal Cutting	3
WLD 1202	Blueprint Reading	2
WLD 1212	Industrial Safety in Welding	2
WLD 1224	Introduction to Arc Welding	4
WLD 1302	Metallurgy	2
Hours		16
Second Semester		
ENGL 1013	Composition I (Must pass with a "C" or better)	3
WLD 1405	Position Welding	5
WLD 1503	Gas Metal Arc (MIG) Welding	3
WLD 1603	Gas Tungsten Arc (TIG) Welding	3
Hours		14
Third Semester		
ACR 2134	Boiler Operations	4
ENGL 1023	Composition II (Must pass with a "C" or better)	3
WLD 1403	Welding for Trades and Industry	3
WLD 1702	Weldment Testing	2
WLD 1804	Certification Welding I ¹	4
Hours		16
Fourth Semester		
Any Approved Social Science ²		3
ACR 2124	Sheet Metal	4
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3
WLD 2804	Certification Welding II	4
Hours		14
Total Hours		60

¹ Usually offered in Summer.

² See appropriate alternatives or substitutions in "General Education Requirements".