

WELDING TECHNOLOGY, TECHNICAL CERTIFICATE

Curriculum

(36 Semester Credit Hours)

(Concurrent students who earn a Certificate of Proficiency in Industrial Control Systems may progress to earn a Technical Certificate in Industrial Electronic Technology by completing the remaining required courses below.)

Course	Title	Hours
Fall		
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
Spring		
BST 1003	Business English (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
Summer		
1st Summer Session (five-week course)		
WLD 1702	Weldment Testing	2
WLD 1804	Certification Welding I	4
Hours		6
Total Hours		36