

C 50 42 0I Welding Technology – Basic Certificate

Basic Certificate Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
WLD 110 Cutting Processes	Pre-Requisites: None	1	3		4	2
WLD 115 SMAW (Stick) Plate	Pre-Requisites: None	2	9		11	5
WLD 121 GMAW (MIG) FCAW/Plate	Pre-Requisites: None	2	6		8	4
WLD 112 Basic Welding Processes	Pre-Requisites: None	1	3		4	2
TOTAL SEMESTER HOURS		6	21		27	13
TOTAL SEMESTER HOURS REQUIRED FOR CERTIFICATE						13

C 50 42 0II Welding Technology – Advanced Certificate

To complete higher level certificates, students may be required to complete coursework offered in the previous certificate to meet all required course pre-requisites.

Advanced Certificate Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
WLD 116 SMAW (Stick) Plate/Pipe	Pre-Requisites: WLD 115	1	9		10	4
WLD 122 GMAW (MIG) Plate/Pipe	Pre-Requisites: WLD 121	1	6		7	3
WLD 131 GTAW (TIG) Plate	Pre-Requisites: None	2	6		8	4
WLD 141 Symbols & Specifications	Pre-Requisites: None	2	2		4	3
WLD 132 GTAW (TIG) Plate/Pipe	Pre-Requisites: WLD 131	1	6		7	3
TOTAL SEMESTER HOURS		7	29		36	17
TOTAL SEMESTER HOURS REQUIRED FOR CERTIFICATE						17