



**CATALOG YEAR: 2021-2022
ENTRY WELDER**

FIRST SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Occupational Orientation & Welding Safety (includes NCCER Core)	WELD	1005	3
Introduction to Welding Fundamentals	WELD	1125	3
SMAW Beads & Fillet Welds	WELD	1415	3
SMAW Open V Groove Welds	WELD	1425	3
SEMESTER CREDIT HOURS			12

SECOND SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Physical Characteristics of Metals, Pre-Heating & Post Heating of Metals	WELD	1161	1
Welding Inspection and Weld Quality	WELD	1130	2
SMAW Pipe 2G	WELD	1430	3
SMAW Pipe 5G	WELD	1440	3
SMAW Pipe 6G	WELD	1450	3
SEMESTER CREDIT HOURS			12

CTS- Entry Welder (SMAW) = 24 credit hours

ENTRY WELDER PRE-REQUISITES AND CO-REQUISITES

FIRST SEMESTER

COURSE NAME	CO-REQUISITE	PRE-REQUISITE
WELD 1005	WELD 1120, WELD 1415, WELD 1420	
WELD 1120	WELD 1005, WELD 1415, WELD 1420	
WELD 1415	WELD 1005, WELD 1120, WELD 1420	
WELD 1420	WELD 1005 WELD 1120, WELD 1415,	

SECOND SEMESTER

COURSE NAME	CO-REQUISITE	PRE-REQUISITE
WELD 1130	WELD 1161, WELD 1430, WELD 1440, WELD 1450	WELD 1005, WELD 1120, WELD 1415, WELD 1420
WELD 1161	WELD 1130, WELD 1430, WELD 1440, WELD 1450	WELD 1005, WELD 1120, WELD 1415, WELD 1420
WELD 1430	WELD 1130, WELD 1161, WELD 1440, WELD 1450	WELD 1005, WELD 1120, WELD 1415, WELD 1420
WELD 1440	WELD 1130, WELD 1161, WELD 1430, WELD 1450	WELD 1005, WELD 1120, WELD 1415, WELD 1420
WELD 1450	WELD 1130, WELD 1161, WELD 1430, WELD 1440	WELD 1005, WELD 1120, WELD 1415, WELD 1420