

## 2022-23 ACADEMIC COURSES

### WAF 114: IRONWORKER INTRO TO WELD & OFC

In this course, students will be introduced to Shielded Metal Arc Welding (SMAW), Flux-Cored Arc Welding (FCAW), Oxy-Fuel Gas Welding and Cutting (OFC-W/C), Soldering and Brazing processes and how the processes apply to the Ironworker trade. The student will apply these processes to various joint designs using proper techniques on steel plates and structural shapes. Welding vocabulary, welding theory, safety precautions and safe work practices will be covered. This course contains material previously taught in WAF 115. This course is required for the Ironworkers Pre-Apprenticeship Certificate.

**Level I Prereq:** Academic Reading Level 3; Academic Writing Level 2

Description	Hours
Credits	3
Lecture Hours	15
Clinical Hours	0
Lab Hours	60
Other Hours	0
Total Hours	75

Accurate as of 08/12/2022 Information is subject to change without notice.