

## 2024-25 ACADEMIC PROGRAMS

### IRONWORKERS PRE-APPRENTICESHIP (CTPAIW)

#### Certificate

In this certificate program, students will be introduced to the necessary skills needed to be a Union Ironworker across the United States and Canada. Training includes print reading, safety and welding processes used by the Union Ironworker trades. Students who successfully complete the program will be eligible for advanced standing in the Ironworker Local Union Apprenticeship Training Program.

This is a **high demand, high skill** and **high wage** program as defined by the [Michigan Community College Network](#).

Do you have another career in mind? [Search for careers](#)

#### Description

In this certificate program, students will be introduced to the necessary skills needed to be a Union Ironworker across the United States and Canada. Training includes print reading, safety and welding processes used by the Union Ironworker trades. Students who successfully complete the program will be eligible for advanced standing in the Ironworker Local Union Apprenticeship Training Program.

#### Continuing Eligibility

All courses must be completed with a C or better.

#### Course Requirements

##### Major/Area Requirements

Class	Title	Minimum Credits
WAF 110	Ironworker Pre-Apprenticeship Orientation and Safety	2
WAF 114	Ironworker Pre-Apprenticeship Introduction to Welding	3
WAF 116	Ironworker Pre-Apprenticeship Shielded Metal Arc Welding	4
WAF 117	Ironworker Pre-Apprenticeship Flux Cored Arc Welding	4
WAF 119	Ironworker Pre-Apprenticeship Rigging and Cranes	2
WAF 120	Ironworker Pre-Apprenticeship Print Reading and Contextualized Math	2
Total		17

#### Total Credits Required: 17

Accurate as of 06/28/2024 Information is subject to change without notice.