Bates Technical College 2025-26 Catalog Addendum

Ironworker Apprenticeship PNIE

Plan Code: IROIRAPR

Program Description:

Pacific Northwest Ironworker & Employee Local #86 apprentices must be able to perform the rigorous manual labor required by the trade and have an ability to work safely at high elevations with a good sense of balance.

Ironworkers erect the structural framework for high rise buildings, bridges, power plants and towers. They also place reinforcing steel in concrete forms for roadways, foundations, and structures. Welding, ornamental, rigging and machinery moving are also a part of this trade.

Apprenticeship Requirements

- Complete the Pacific Northwest Ironworker & Employee Local #86 program (4 years long)
- Hired by one of the Pacific Northwest Ironworker & Employee Local #86's partnering employers
- Complete 8,000 on-the-job training (OJT)

General Education Requirements

- 5 credits from the Communications Distribution
- 5 credits from the Quantitative Distribution
- 5 credits from the Sciences and Humanities Distribution

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

Technical Core Courses Available:

Course	Course Title	Credits
IRON ~~211~~ 110	Ironworkers Apprenticeship 1st Year	~~0-20~~ 16
IRON ~~221~~ 120	Ironworkers Apprenticeship 2nd Year	~~0-20~~ 16
IRON ~~231~~ 130	Ironworkers Apprenticeship 3rd Year	~~0-20~~ 16
IRON ~~241~~ 140	Ironworkers Apprenticeship 4th Year	~~0-20~~ 16