



IRONWORKER

ABOUT THIS CAREER

As an Ironworker (Generalist), you'll have a range of job sites to choose from. You'll use a mathematical and tactile approach to carry out a range of structural work. You'll be welding, riveting, and bolting, while also helping crane operators position their loads. You'll learn how different types of metal respond in situations - and how to use specialized equipment to shape it how you see fit.

(*SkilledTradesBC)

WHAT YOU'LL NEED

Educational Requirements

- High School completion typically required
- Completion of a two- to three-year apprenticeship program, or over 3 years of relevant work experience for certification (certification is not required to work as an ironworker in B.C.)
- Interprovincial Red Seal Certification available to qualified ironworkers upon successful completion of Red Seal exam

Key Skills & Attributes

(technical training and on the job)



Coordination

Adjusting actions in relation to others' actions.



Operation & Control

Controlling operations of equipment or systems.



Operations Monitoring

Watching gauges, dials or other indicators to make sure that a machine is working properly.



Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.



Judgement & Decision Making

Considering the relative costs and benefits of potential actions to choose the most appropriate one.

HOURLY PAY
\$23.00 - \$44.00*

(Est. Annual Salary: \$76,145)

ANNUAL EMPLOYMENT GROWTH: **0.3%***

(B.C. Labour Market Outlook 2023-2033)

JOB OPENINGS: **380***

*WorkBC

DUTIES & RESPONSIBILITIES

- Read blueprints and specifications to lay out work
- Unload and position steel units so each piece can be hoisted as needed
- Put up and install scaffolding, hoisting equipment and rigging
- Signal crane operator to position steel units according to blueprints
- Align and weld or bolt steel units in place
- Set up structural and architectural precast concrete components for buildings, bridges, towers and other structures
- Assemble and set up prefabricated metal structures
- Position and secure steel bars or metal mesh in concrete forms to reinforce concrete structures



**Chilliwack
School District**
CAREER EDUCATION