

Ironworker - Structural & Ornamental

Certificate of Qualification 420A



"I feel so proud when I can look up and see the finished product."

Ironworkers - Structural & Ornamental, are involved in erecting residential, commercial, institutional and industrial buildings as well as other large structures such as bridges, dams and stadiums. They set up the framework of a building by positioning steel girders or other structural elements and then bolting them into place.

**Unionized
Journeyman
Wage Rate:
\$46.66/Hr
(2022)**



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Indoor and outdoor work



Comfortable working at heights



Good physical fitness & stamina

Entrance Requirements

- High school transcript or high school diploma (equivalent GED)
- Minimum 18 years of age

Key Skills & Attributes

- Strong communication
- Problem-solving & planning
- Reading & numeracy skills
- Good physical condition & strength

Apprenticeship Program

6000 hours of on-the-job training, supplemented by three 8-week sessions of in-class technical training.

Responsibilities

- Fabricate, assemble, install, erect, alter, repair, hoist and dismantle structural ironwork, precast and pretensioned concrete as well as all metallic materials in curtain walls, ornamental and other metal work (including specialty metals)
- Operate and maintain hand and power tools, including welding and cutting equipment
- Assemble and erect cranes, rigs and hoists; move and install components, materials, heavy equipment and machinery needed to perform ironwork, including installation of all falsework and shoring
- Erect structural members and bridges, and install and fasten curtain walls and glass systems

Did You Know?

Ironworking is a multi-faceted career and involves more than constructing buildings & bridges.

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