

REINFORCING STEEL INSTALLER/IRON WORKER

DESCRIPTION

Reinforcing steel installers are vital in the construction process as they are responsible in securing the iron or steel components outlined in a structures plans. They assemble and install the steel bars, known as rebar, that are used to support the concrete in large structures like buildings and bridges.

SKILLS

- Work safely as a team, following written and oral directions
- Ability to work with heavy equipment
- Problem solving skills to provide solutions to challenges
- Able to perform heavy manual labour for prolonged periods of time
- Read and interpret documents, work with numbers to perform calculations
- Working from heights

DUTIES

- Install and repair the metal structures that form the steel skeleton of buildings, bridges and towers
- Put steel bars in concrete to reinforce concrete structures
- Install ornamental metalwork
- Signal crane operators to lift/move steel
- Bend steel rods with hand tools and rod bending machines, and weld them with arc-welding equipment
- Install structural and architectural concrete components for buildings, bridges, towers and other structures

EDUCATION

- **Completion of high school is required**
- Apprenticeship program required

RELATED PATHWAY OPTIONS

- Concrete Finisher
- Welder
- Structural Steel Installer

SALARY RANGE \$45,000 to \$85,300

VISIT WWW.MYOCCA.CA FOR MORE CAREERS IN CONSTRUCTION

WHERE TO TRAIN

COURSES AVAILABLE AT YOUR LOCAL IRONWORKER UNION HALL

OTHER OPTIONS

SAULT COLLEGE IRONWORKER LEVEL 1

FANSHAWE COLLEGE WELDING TECHNIQUES

LAMBTON COLLEGE WELDING TECHNIQUES

GETTING STARTED

THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

- 1** You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.
- 2** You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits .
- 3** You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.

