

Crane and Hoisting Operator - Mobile Crane



Learn to service and operate the hoist and swing equipment used to move machinery, materials and other large objects.

If you like to work independently and are a capable decision-maker, you'll enjoy a career as a mobile crane operator. You'll service and operate booms that are mounted on crawlers or wheeled frames as well as travelling, fixed or climbing-type hoisting equipment with a vertical mast or tower and a jib. You'll manipulate a number of pedals and levers to rotate the crane and raise and lower its boom and one or more load lines. Some or all of these operations may be performed simultaneously.

Apprenticeship training

The term of apprenticeship for a mobile crane operator is three years (three 12-month periods), including a minimum of 1620 hours of on-the-job training and six weeks of classroom instruction in the first year, a minimum of 1800 hours of on-the-job training in the second year and 1620 hours of on-the-job training and six weeks of classroom instruction in the third year.

Upon successfully completing the required working hours and technical training periods, you'll be awarded a certificate in addition to journeyperson status by Alberta's Apprenticeship and Industry Training.

This is a Red Seal Endorsed trade – a recognizable standard that allows tradespeople to work across Canada.

Mobile crane operators are skilled tradespeople who are self-motivated and enjoy working independently.

To succeed in this trade, you should:

- be coordinated and have manual dexterity
- be comfortable working at heights
- have the strength, stamina and ability to use proper lifting techniques
- have good vision
- be able to work as part of a team and communicate with ground crews using hand signals and voice communication
- be committed to maintaining safe work habits.

Recommended requirements

Apprentices with an Alberta High School Diploma that includes the following courses:

- English 30-2
- Math 30-3
- Physics 20 OR Chemistry 20 OR Science 20
- Related career and technology studies (CTS) courses

Designation: JourneyPerson

Program length: 3 periods

Location: In person (Point Trotter Campus)