



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 traveling, 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.

Certification is required when operating mobile cranes with a lifting capacity of fifteen tons (13.6 tonnes) and over. You may drive the crane to the job site, rig the machine up (pin the boom and pendant cables and pull the hoist cable in preparation for operation), and set up the machine for the lift (make it level and stable) using blocking and leveling materials.

This is a compulsory trade - to work in this trade you need to hold a recognized trade certificate or be a registered apprentice.

Is this the right fit for me?

Students who have the following characteristics see greater success in the mobile crane trade:

- coordination and manual dexterity
- the ability to work at heights
- the strength, stamina, and ability to use proper lifting techniques to lift items weighing in excess of 25 kilograms
- good vision
- the ability to work as part of a team and communicate with ground crews, usually using hand signals and voice communication
- a commitment to safe work habits

Credentials

Upon successfully completing the required working hours and apprenticeship education periods, graduates will be awarded journeyman 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.

Costs 2022/23

Tuition and fees*

Period	Tuition fees	SAIT fees	Saitsa fees	Total
1	\$720	\$231	\$54	\$1,005
2	\$720	\$231	\$54	\$1,005
3	\$720	\$231	\$54	\$1,005

SAIT fees

Campus recreation fee: \$49

Lab and material fee: \$82

Student support fee: \$50

Student technology fee: \$50

Books and supplies*

- Books or modules along with other items for class average out to \$900 per period.
- It is recommended that you do not purchase books or modules ahead of time as they might be outdated by the time you attend

classes and they cannot be returned. Books and modules are provided at Point Trotter for purchase.

- Personal Protective Equipment will be required for the program, which may be an additional cost to apprentices.

*Tuition, fees, books and supply costs are subject to change.

[Learn more about paying for your apprenticeship >](#)