



Crane and Hoisting Operator - Boom Truck

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 set up, service and operate hydraulic booms mounted on turrets that are affixed to trucks and are capable of moving heavy loads.

Certification is required when operating:

- booms (including telescoping booms and articulating booms possessing live lines) capable of swinging, hoisting and booming up and down with a lifting capacity of greater than 5 tons (4.5 tonnes) and equal to or less than 65 tons (59 tonnes)
- articulating booms WITHOUT live lines with a lifting capacity of greater than 8 tons (7.3 tonnes) and equal to or less than 65 tons (59 tonnes).

Operators manipulate a number of pedals and levers to rotate the crane and raise and lower loads. They often perform all or some of these operations simultaneously.

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 boom truck 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

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.

Costs 2022/23

Tuition and fees*

Period	Tuition fees	SAIT fees	Saitsa fees	Total
1	\$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- It is recommended that you do not purchase books or modules ahead of time as they might be outdated by the time you attend classes and they cannot be returned.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 >](#)