

CRANE OPERATOR

DESCRIPTION

The exciting career of a Crane Operator maintains and operates mobile cranes that can raise, lowering or moving material weighing more than 16,000 pounds. This thrilling career is a compulsory certified trade. Anyone working in this trade must hold a valid certificate of qualification.

SKILLS

- 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
- Coordination and manual dexterity
- The ability to work as part of a team and communicate with ground crews, usually using hand signals and voice communication

DUTIES

- Conduct pre-operational inspections, prepare and transport cranes
- Ability to assemble and dismantle cranes
- Set up, position and stabilize the crane before the 'lift'. Perform various rigging procedures
- Perform regular maintenance on the equipment
- Prepare and transport, assemble and dismantle cranes
- Plan crane 'lifts' including calculating crane capacity and determining load weights

EDUCATION

- **Completion of high school is required**
- Mobile Crane Operator 1 is 6,000 hours (approximately three years) consisting of 5,520 hours of on-the job and 480 hours of in-school
- Completions of a written exam

RELATED PATHWAY OPTIONS

- Forklift Operator
- Demolition

SALARY RANGE \$58,000 to \$100,000

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WHERE TO TRAIN

LOCAL 793 INTERNATIONAL UNION OF OPERATING ENGINEERS

OPERATING ENGINEERS INSTITUTE OF ONTARIO MOBILE CRANE APPRENTICESHIP

OTHER OPTIONS

DURHAM COLLEGE OPERATOR RIGGING & CONSTRUCTION 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.

