

CONTINUING EDUCATION

LIGHT DUTY CRANE AND HOISTING EQUIPMENT OPERATOR

INSTRUCTOR: TBA

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OFFICE: M105

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PREREQUISITE(S)/COREQUISITE: Students must present a valid driver's license or learner's permit. Students must be at least 18 years of age to attend this course.

REQUIRED TEXT/RESOURCE MATERIALS:

Students must bring the following to class:

- 2 or 4 foot level
- Class 'A' steel toed footwear
- Hard hat and safety glasses
- Hearing protection
- Leather gloves
- 50 or 100 foot measuring tape
- Proof of inspection of light duty crane or hoist (must be within the last 12 months)
- Equipment they operate daily
- Proof of insurance for the equipment
- Rigging equipment (slings, shackles, etc)
- Equipment log book
- Tire pressure gauge
- Operator's manual (for the hoisting device)
- Cargo tie down equipment

It is the responsibility of the operators to have read the specific operators manual for their equipment.

All equipment must have valid licensing, insurance, annual inspection certificate and be in sound mechanical and structural condition. Equipment that does not meet these requirements will not be allowed for use for the practical training and demonstration portion of class.

CALENDAR DESCRIPTION:

This training program is designed to provide safety training for light duty cranes and boom trucks that do not fall under the provincial apprenticeship program for Cranes and Hoisting Equipment Operator (mobile cranes less than 15 tons/13.6 tonnes, boom trucks less than 5 tons/4.5 tonnes, articulated booms (knuckle booms) up to 7.8 imperial tons without a winch line). Participants will learn and demonstrate the safe operating practices and procedures for the safe operation and inspection of light duty cranes and boom trucks and the rigging hardware associated with them.

CREDIT/CONTACT HOURS: 12 hours

DELIVERY MODE(S): Face to face

OBJECTIVES (OPTIONAL):

After completing this training, participants will:

- Understand the safe use, set up and operation of Light Duty Crane and Hoisting Equipment
- Know how to conduct a pre-use inspection, understand the requirements of a monthly and annual inspection of Light Duty Crane and Hoisting Equipment.
- Demonstrate safe operating and rigging procedures of Light Duty Crane and Hoisting Equipment.
- Know the roles and responsibilities for the safe operation of Light Duty Crane and Hoisting Equipment and the use, care, inspection and storage of rigging equipment.

TRANSFERABILITY:**GRADING CRITERIA:**

Upon successful completion of the written exam with a minimum score of 80%, you will receive a Certificate of Completion that is valid for three years.

EVALUATIONS: Exam, practical and written

STUDENT RESPONSIBILITIES:

Attendance and successful completion of examinations

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the College Policy on Student Misconduct: Plagiarism and Cheating at https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf

**Note: all Academic and Administrative policies are available at

<https://www.gprc.ab.ca/about/administration/policies/>

COURSE SCHEDULE/TENTATIVE TIMELINE:

Dates vary (refer to website for current availability). This course is also offered as a custom course. Please call 780.539.2014 for details.