

CERTIFICATE

- Red Seal Certification
- 26 weeks
- Start date varies
- Bay St. George Campus

COURSES

CODE	TITLE	Hrs
Block 1	Entry Level	
TS1510	Occupational Health and Safety	6
TS1520	WHMIS	6
TS1530	Standard First Aid	14
MB1040	Shop Fundamentals for Mobile Crane Operators	70
MB1100	Mobile Crane Operation Safety	65
MB1110	Mobile Crane Maintenance	55
MB1130	Mobile Crane Operations	60
MB1140	Mobile Lattice Boom Cranes	60
MB1150	Mobile Hydraulic Boom Cranes	60
MB1200	Hydraulics and Applications to Crane Control	15
MB1230	Class 3 Driver's License for Mobile Crane Operators	96
MB1260	Rigging for Mobile Crane Operators	30
MB1300	Introduction to New Cranes	15
CM2150	Workplace Communications	45
MR1220	Customer Service	30
SP2330	Quality Assurance/Quality Control	30
MC1050	Introduction to Computers	30
SD1700	Workplace Skills	30
SD1710	Job Search Techniques	15
SD1720	Entrepreneurial Awareness	15

INDUSTRIAL TRADES

Mobile Crane Operator

This program exposes you to the safe and efficient operation of Mobile Cranes. Some of the duties include: service and operate booms 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, drive the crane to the job site, right the machine up (pin the boom and pendent cables and pull the host cable in preparation for operation), set up the machine for the lift (make it level) using blocking and leveling materials. Numerous training scenarios are set up that will test your ability to work under stressful conditions and face safety hazards that will be experienced in industry. The work environment is outdoors, often in noisy, dusty conditions. You will probably work a forty hour, five day work week. Overtime may be required to meet construction deadlines. You should have good vision, coordination and manual dexterity, the ability to work at heights, work as part of a team, and communicate with ground crews usually using hand signals and voice communication.

OUTCOMES

1. Demonstrate safe work practices and personal protection.
2. Assess site hazards.
3. Operate equipment safely.
4. Inspect and maintain wire ropes, slings and hardware.
5. Prepare the site.
6. Position the crane

ENTRANCE REQUIREMENTS

Eligibility for admission requires the applicant to meet one of the following academic criteria:

1. High School

High School Graduation

2. Comprehensive Arts and Science (CAS) Transition

Comprehensive Arts and Science (Transition) Certificate

3. Adult Basic Education

Adult Basic Education (Level III) Graduation with General College Profile (or Business Related College Profile or Degree and Technical Profile). It is strongly recommended that courses include the following: Mathematics MA3107A, MA3107B, MA3107C Science 3101, 3102, 3103

4. Mature Student Status

Applicants who do not meet the educational prerequisites, are 19 years of age or older and have been out of school for at least one year, may be considered on an individual basis under the Mature Student Clause.

AND

5. Drivers License and Medical

- i. A valid Newfoundland and Labrador driver's license - minimum of full Class 5. Must be held for a minimum of 1 year.
- ii. Department of Transportation Medical for a Class 3 license including colour perception, visual acuity and hearing tests. A depth perception test is also required.

EMPLOYMENT OPPORTUNITIES

You may find employment in a variety of occupational settings: construction, industrial, mining, cargo handling and railway companies. Experienced crane operators may advance to supervisory positions or set up your own businesses.

