

CERTIFICATE

- 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 students to the safe and efficient operation of Mobile Cranes. Students study the theory of operation and preventive maintenance, develop practical skills necessary for the operation on modern state of the art cranes which include 18 Ton Boom Truck, 30 Ton Rough Terrain and 50 Ton Lattice Boom Crawler Cranes. Numerous training scenarios are set up that will test the students' abilities to work under stress conditions and face safety hazards that will be experienced in Industry.

The Provincial Apprenticeship and Certification Board through legislative authority is responsible for the registration of apprentices and trade qualifiers into the designated occupations.

The registration of an apprentice will take place when an individual is employed in a field of work directly relating to a designated occupation, and has a Memorandum of Understanding (MOU) signed between the Division of Institutional and Industrial Education, an employer and the apprentice.

OBJECTIVES

1. To expose students to terminology associated with the crane industry.
2. To provide knowledge of crane capabilities and industry expectations.
3. To provide skills training in servicing procedures and techniques to maximize the life span of the crane.
4. To provide skills training in rigging, load chart computations and lifting procedures.
5. To develop and strengthen the related mathematics, science and communication skills that support the occupational skills and knowledge.
6. To develop the driving skills necessary to obtain a Class 3 license and safely drive a disassembled crane.

ENTRANCE REQUIREMENTS

1. Comprehensive Arts and Science Certificate (College Transition program),
OR
High School Graduation,
OR
Grade XI Certificate (Public Examinations or equivalent),
OR
Adult Basic Education (Level III) Graduation,
OR
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:
 1. Mathematics MA3107A, MA3107B, MA3107C
 2. Science 3101, 3102, 3103
- OR
Persons 19 years of age or older who do not meet the educational prerequisite may be considered on an individual basis under the Mature Student Clause.
2. A valid Newfoundland driver's license - minimum of full Class 5. Must be held for a minimum of 1 year.
3. Department of Transportation Medical for a Class 3 license including colour perception, visual acuity and hearing tests. A depth perception test is also required.

EQUIPMENT REQUIRED FOR TRAINING

Safety boots, safety hat, safety glasses, coveralls and gloves.

