Western Trade Training Institute (WTTI) specializes in the delivery of certification training for **Rigging and Operators of Mobile Crane, Overhead Travelling Crane and Boom Truck trades**.

WTTI has operated in Saskatchewan since 1989.

In addition to delivering training to a wide variety of private sector employers, WTTI delivers all apprenticeship training in Saskatchewan.

"*Class was fun & interesting with lots of real world experience brought into the course material*" Zack Samenook

www.wttionline.ca

All Hoists, Cranes & Lifting Device Training includes the following topics:

- OHS
- Communication
- High Voltage
- Wire Rope
- Rigging Hardware
- Slings applications
- Calculating Load Weights
- Parts of Line
- Sling Angles calculations

All competent operator training is **customized to the employer's equipment and service application.**

All WTTI training meets Saskatchewan *Occupational Health & Safety Regulations 2020 Table 13* **requirements.** The training can be **adapted to other jurisdictions.**

Upon completion the employer will receive a **copy of certificates** and the participants receive a wallet card certificate.

BASIC RIGGING AND/OR ADVANCED RIGGING

Rigging courses are typically **1 day** in length.

The **basic rigging day** would include **in class** time covering rigging techniques and some practical application. Once complete a **written exam** would be administered.

The **advanced rigging** day is for more experienced riggers and would include a review of the basic rigging as well as more details on sling angle effect and calculations, hoisting systems, center of gravity and two crane lifts. It will include **practical training** as well as **written exam.**

Additional Course Content:
- Anchor Points
- Centre of Gravity
- Two Crane Lifts

"*Instructor explained information well and encouraged questions*" -Ruby Kriewaldt

COMPETENT OPERATOR TRAINING FOR MOBILE CRANE AND BOOM TRUCK OPERATORS

The competent operator course is typically three to four days in length, depending on the type of crane and service application.

The first **2-3 days** would be **in-class** covering rigging and operation of a mobile crane/boom truck. Once complete a **written exam** would be administered.

The **third and fourth day** would be **practical training** as well as **exams** covering- pre-trip inspection, operation and communication signals.

Additional Course Content:
- PPE
- Types
- Terminology
- Components
- Conditions affecting capacity
- Pre-Operation & Inspection
- Setup
- Model Specific Load Charts

WTTI can provide a two day **refresher course** with proof of prior training. This training would include more advanced rigging calculations and operation instruction as well as a practical component.

COMPETENT OPERATOR TRAINING FOR OVERHEAD TRAVELLING CRANE OPERATORS

The competent operator course is typically 2 days in length, depending on the type of crane and service application.

The **first day** would be in-class covering rigging and operation of an overhead travelling crane. Once complete a written exam would be administered.

The **second day** would be practical training as well as exams covering- pre-operational inspection, operation and communication signals.

Additional Course Content:
- PPE
- Types
- Components
- Pre-Operational Inspection
- Centre of Gravity
- Anchor Points

WTTI can provide a one-day **refresher course** with proof of prior training. This

training would include more advanced rigging calculations and operation instruction as well as a practical component.

WTTI instructor, Darryl McMillan, has a Mobile Crane Red Seal Interprovincial Certification as well as 13 years of Mobile Crane experience.

"Instructor was very patient and thorough when asked questions and presented the course clearly" Nick Stone

WESTERN TRADE TRAINING INSTITUTE

We can customize training for your application- just ask..

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