

# MOTOR GRADER PLOW



## Course Overview

The Motor Grader (MG) is typically used for both snow/ice control and snow removal operations. Operators require a wide range of knowledge and skill sets to use the MG and attachments effectively and safely at all times in different settings. The course includes both a classroom/theory (approx. 7 hours) and a hands-on/practical component for the student operator at a venue within the Municipality.

### Classroom Topics

The following topics are thoroughly covered:

- ▶ Due diligence
- ▶ Record keeping
- ▶ Pre-season preparation
- ▶ Weather and road weather
- ▶ Level of service
- ▶ Environment Canada's *Code of Practice*
- ▶ Anti-icing and deicing techniques
- ▶ Equipment operation & safety
- ▶ Attachment mounting and set-up
- ▶ Pre-trip inspection
- ▶ Plowing Techniques (all roadway configurations)

### Practical/Hands-on Activities

- ▶ Pre-start inspection
- ▶ Controls review
- ▶ Winter operation procedures
- ▶ Maneuvering around obstacles

- ▶ Grader blade operation
- ▶ Snow plowing/removal
- ▶ Wing operations
- ▶ Articulation

**NOTE: Some of the above activities may not be covered, due to experience level as well as the amount of time available, weather conditions and availability of equipment.**

**Who Should Attend:** Experienced grader operators responsible for snow/ice control and snow removal operations.

**Evaluation /Documentation:** Theory test (multiple choice) and/or oral exam (by instructor) and/or practical test (on equipment). Each successful participant will be provided with a certificate of completion.

**About the Facilitator:** Developed and delivered to you by **Ground Force Training Inc.**