

MOTOR GRADER

LEVEL 2



Course Overview

Motor Grader training is progressive to ensure student operators have knowledge of correct methods and standards in their specific work application. Level 2 introduces the trainee to classroom topics and hands-on activities of increased complexity related to road construction/maintenance techniques.

Classroom Topics

- ▶ Pre-start inspections
- ▶ Grade blade operation
- ▶ Techniques
 - Proper crowning techniques
 - Drainage techniques
 - How to ditch (ditching operations)
 - Reclaiming materials
 - Final grading techniques
 - Far reach and high banking operations
 - Stripping top soil or sod
- ▶ How to properly build and maintain a road

Field/Hands-On Activities

- ▶ Ditching operations
- ▶ Casting windrows
- ▶ Bank work
- ▶ Cleaning ditches
- ▶ Crowning operations
- ▶ Techniques
 - Final grading techniques
 - Stripping top soil or sod
 - Advanced grading techniques as taught in class

Note: *The ability to operate the machine WITHOUT the use of GPS equipment is emphasized as any true operator must be able to carry on in all*

conditions without relying on the GPS to do the basic operations for them.

Who Should Attend: Operators with a minimum of 1 year experience.

Learning objectives: This course is designed to enable operators to make better, more informed decisions in every aspect of operations. The results of this learning process are improved:

- ▶ Knowledge and conscientious attitude
- ▶ Vehicle and attachment maintenance and inspection habits
- ▶ Overall safety awareness
- ▶ Productivity

Evaluation/Documentation: Theory exam (multiple choice), oral exam (by instructor) and practical exam (on equipment). Each successful participant will be provided with a course certificate and the employer will receive a written operator training summary.

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