

FRONT END LOADER

(FEL)



Course Overview

This course provides fundamentals of safety, equipment characteristics, operation and maintenance that apply to the FEL. Each student will receive a combination of classroom/theory and practical/hands-on training.

Note: Each student must have their own equipment (1:1 ratio; student/equipment). This will ensure adequate practical skill development.

Classroom Topics

- ▶ Equipment design and function
- ▶ Electrical system
- ▶ Hydraulic system
- ▶ Pre-start inspections
- ▶ Equipment warning devices
- ▶ Controls review
- ▶ Bucket operation
- ▶ Loading, stockpiling, ramping, digging and bulldozing techniques
- ▶ Power-train
- ▶ Stability and centre of gravity
- ▶ Work area clean-up
- ▶ Loader accessories (i.e. plows)

Field/Hands-On Activities

- ▶ Pre-start inspection
- ▶ Controls review
- ▶ Maneuvering around obstacles
- ▶ Bucket operation
- ▶ Loading trucks

Learning Objectives:

- This course will help operators make better, more informed decisions in every aspect of loader operation. The results of this learning process are improved:
- ▶ Knowledge and conscientious attitude
 - ▶ Maintenance habits and awareness
 - ▶ 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.**