

# FRONT END LOADER

(FEL)



**Course Overview** This 2 or 3 day 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.**