UTAH SYSTEM OF HIGHER EDUCATION

Utah System of Higher Education
Heavy Equipment Operator
FY2027 / 10 Credits (300 Clock-Hours)

Foundational Courses

TEHE 1010 Heavy Equipment Operator Introduction/Basics — 2 Credits / 60 Clock-Hours

This course will provide an overview of Safety, Blue Stakes, equipment operation, basic familiarization with equipment utilization/use. The course will also include workplace communication and awareness.

Objectives:
- Explain the fundamentals of a safe work environment.
- Demonstrate safety procedures and familiarization with equipment use.
- Demonstrate proper workplace communication and awareness of the work environment.

TEHE 1050 Skid Steer/Compact Loader Operation — 2 Credits / 60 Clock-Hours

This course will cover the fundamentals of skid steer and compact loader operation.

Objectives:
- Demonstrate safe start procedures for the equipment.
- Properly conduct a pre-operation inspection and related maintenance.
- Identify and explain the proper use of the machine and associated control devices.
- Demonstrate basic operating techniques.

TEHE 1100 Hydraulic Excavator Operation — 2 Credits / 60 Clock-Hours

This course will cover safety related to and the fundamental operation of hydraulic excavators.

Objectives:
- Demonstrate safe start procedures for the equipment.
- Properly conduct a pre-operation inspection and related maintenance.
- Identify and explain the proper use of the machine and associated control devices.
- Demonstrate basic operating techniques.

TEHE 1150 Backhoe (Tractor Loader Backhoe) Operation — 2 Credits / 60 Clock-Hours

This course will cover safety related to and the fundamental operation of tractors, loaders, and backhoes.

Objectives:
- Demonstrate safe start procedures for the equipment.
- Properly conduct a pre-operation inspection and related maintenance.
- Identify and explain the proper use of the machine and associated control devices.
- Demonstrate basic operating techniques.

TEHE 1200 Front End Loader Operation — 2 Credits / 60 Clock-Hours

This course will cover safety related to and the fundamental operation of front-end loaders.

Objectives:
- Demonstrate safe start procedures for the equipment.
- Properly conduct a pre-operation inspection and related maintenance.
- Identify and explain the proper use of the machine and associated control devices.
- Demonstrate basic operating techniques.

Supplemental Courses Varies by Institution

USU-Eastern

TEHE 1250 Dozer Operation **2 Credits / 60 Clock-Hours**

This course will cover safety related to and the fundamental operation of dozers.

Objectives:
• Demonstrate safe start procedures for the equipment.
• Properly conduct a pre-operation inspection and related maintenance.
• Identify and explain the proper use of the machine and associated control devices.
• Demonstrate basic operating techniques.

TEHE 1300 Road Grader Operation **2 Credits / 60 Clock-Hours**

This course will cover safety related to and the fundamental operation of road graders.

Objectives:
• Demonstrate safe start procedures for the equipment.
• Properly conduct a pre-operation inspection and related maintenance.
• Identify and explain the proper use of the machine and associated control devices.
• Demonstrate basic operating techniques.

TEHE 1400 Forklift Operation **1 Credit / 30 Clock-Hours**

This course will cover safety related to and the fundamental operation of forklifts.

Objectives:
• Demonstrate safe start procedures for the equipment.
• Properly conduct a pre-operation inspection and related maintenance.
• Identify and explain the proper use of the machine and associated control devices.
• Demonstrate basic operating techniques.

TEHE 1500 Worksite Planning for Operators **1 Credit / 30 Clock-Hours**

This course will cover worksite planning considerations regarding heavy equipment operation.

Objectives:
• Recognize the various special or additional circumstances, processes, or procedures associated with heavy equipment worksites.
• Identify specific resources to address these special or additional circumstances associated with heavy equipment worksites.