

# HEAVY EQUIPMENT OPERATION

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Instructs students in the safe operation of heavy equipment, e.g., bulldozers, backhoes, front-end loaders, hydraulic excavators, and graders. Provides instruction in digging, ditching, sloping, stripping, grading, backfilling, clearing trees and rubble, and foundation excavating is provided as well as instruction in the proper care and maintenance of equipment.

## Diplomas

- Operating Engineer - Diploma (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/operating-engineer-diploma/>)

## Certificates

- Backhoe Operator - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/backhoe-operator-certificate/>)
- Bulldozer Operator - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/bulldozer-operator-certificate/>)
- Front-End Loader Operator - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/front-end-loader-operator-certificate/>)
- Hydraulic Excavator Operator - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/hydraulic-excavator-operator-certificate/>)
- Motor-Grader Operator - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/heavy-equipment-operation/motor-grader-operator-certificate/>)