



Heavy Equipment Operator



Program Description:

Our Heavy Equipment program is one of all a few offered in the entire state and prepares students for well-paying, high-demand careers in this field. Students will participate in a blend of face-to-face instruction, online curriculum, virtual practice via state-of-the-art simulators, and hands-on experience operating genuine bulldozers and excavators.

Training and Experience:

Students will utilize the National Center for Construction Education and Research (NCCER) approved SimScholar nationally recognized curriculum through direct instruction and online modules. As part of the training process, students will practice their skills on simulators that are modeled after authentic Caterpillar bulldozer and excavator controls, and certificates will be earned for passing required simulator tasks as well as the aligned curriculum tests. At the conclusion of the program, students will also participate in a Capstone project where they will be observed and graded by certified industry professionals as they complete assigned task using real equipment on a construction site.



Certifications:

.SimScholar certificates are earned for the successful completion of required performance tasks (on simulators) and earning a passing score on the correlating curriculum assessments.

Careers Outcomes:

Articulated Dump Truck Operator, Backhoe Operator, Bulldozer Operator, Excavator Operator, Forklift Operator, Heavy Equipment Service Technician, Construction Site Manager

Program Criteria:

Clients participating in the Construction Ready Program must have:

- A 6th grade reading/math level
- The ability to perform all tasks and operations

GVRA



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