

For more information
about this, or any CTE
program, please contact
CTE Principal Kathy Fox
at 315-867-2093.

Heavy Equipment Operation



Heavy Equipment Operation

**HERKIMER • FULTON
HAMILTON • OTSEGO**



About the heavy equipment operation program ...

Study:

- The use of dump trucks and heavy equipment
- Equipment preventative maintenance
- Basic safety
- Personal protection safety
- Hand tools and power tools
- NCCER Curriculum

Learn:

- OSHA standards
- American National Standards Institute (ANSI) hand signals
- Dig Safely NY standards

Operate:

In a work-based learning environment, learn to operate heavy equipment such as:

- Bulldozers
- Backhoes
- Tractors
- Front-end loaders
- Excavators
- Forklifts
- Dump trucks
- Hand and power tools



Herkimer BOCES Heavy Equipment Operation Program

The Herkimer-Fulton-Hamilton-Otsego BOCES does not discriminate on the basis of an individual's actual or perceived race, color, creed, religion, religious practice, national origina, ethnic group, sex (including sexual harassment and sexual violence), gender identity, sexual orientation (the term "sexual orientation" means heterosexuality, homosexuality, bisexuality or asexuality), political affiliation, age, marital status, military status, veteran status, disability, weight, domestic violence victim status, arrest or conviction record, genetic information or any other basis prohibited by New York state and/or federal non-discrimination laws in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

Inquiries regarding the Herkimer BOCES non-discrimination policies should be directed to:

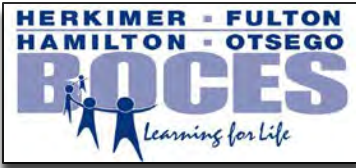
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Assistant Superintendent for Administration
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Career Cluster: Agriculture, Food and Natural Resources

For information about the heavy equipment operation program, call 315-867-2000.

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Physical Requirements for Heavy Equipment

Below is a list of minimal physical abilities that a student should possess to be successful in the Heavy Equipment class here at Herkimer-Fulton-Hamilton-Otsego B.O.C.E.S.

- Operate equipment to move soil, concrete, wood, trees, snow. This involves going into the woodlot so the ground is uneven. The operator could be "jolted" & be in the sitting position for about 2 hours. Sometimes the operator would need to climb in and out of equipment.
 - Skidsteer
 - Backhoe
 - Tractor
 - Bulldozer
 - Trucks
- Lift, pull, tug, push, bend, twist:
 - Get into & out of equipment
 - Break up concrete using 8-10 pound sledgehammers
 - Use a 15-25 pound chainsaw for 1-2 hours each day
 - Use a soil & concrete vibrating tamper
 - Lift tires that need to be changed on equipment-30-60 pounds
 - Shovel or rake
 - Lift at least 5 gallons of water or oil-40-60 pounds
 - Cut brush with handsaws & pruners/Pull brush & limbs from felled trees
 - Use wrenches from 1/2 " to 2" in size to repair equipment
 - Ability to work indoors and outdoors/-Ability to work in all-weather climates
 - Ability to work in high noise level areas
 - Have upper body strength to pull own self up a rope in tree climb lab
 - Stack wood
 - Carry lumber and other building materials
 - No medication(s) carrying warnings that may impair judgment and/or ability to perform tasks as previously identified.

Please list any concerns you may have for a student completing this program.

These are the minimum physical requirements. There may be ways to modify some of these physical requirements in which will be determined by the instructor.

**Kathleen Fox
CTE Principal**

**Sally Kramas
Assistant Principal of CTE**

**Central Valley ■ Dolgeville ■ Frankfort-Schuyler ■ Herkimer ■ Little Falls
Mount Markham ■ Owen D. Young ■ Poland ■ Richfield Springs ■ West Canada Valley**

Learning for Life