



HEAVY EQUIPMENT OPERATIONS

The Heavy Equipment Operations (HEO) program is a one-semester program. It delivers instruction in a way that the “hands on” learner can really grasp. A dynamic combination of classroom instruction, field demonstrations, and in-the-seat training allows students the opportunity to apply knowledge and skills in real-life construction type situations at our on campus training site. UTTC prepares students to succeed in one of the nation’s fastest growing industries as a heavy equipment operator.

UTTC collaborates with local construction industries to stay updated on current industry demands. In addition to operating heavy equipment you will have the opportunity to learn about the general maintenance performed on heavy equipment, take an intro. to welding class, and receive a First Aid/CPR and OSHA 10 certificate once training is completed.

Upon completion of the program you will have the basic skills to operate these 7 pieces of heavy equipment: Front End Loader, Skid Steer, Bulldozer, Backhoe, Excavator, Motor Grader, and a Scraper.

Industry Expectations

Due to the stringent safety requirements and rigorous physical demands of operating specific tools, equipment, and machinery, students participating in the UTTC Heavy Equipment Operations program must meet certain physical requirements.

The physical demands described here are representative of those that must be met by any employee in specific industries to successfully perform the essential functions of the training and industry jobs. Reasonable accommodations may be requested by individuals with disabilities. The Disabilities Services Coordinator will determine, on a case-by-case basis, if the accommodation requested is reasonable.

1. The student is regularly required to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble large and very small objects or controls.
2. The student is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop, kneel, and crouch, or crawl.
3. The student must regularly lift and/or move up to 50 pounds and occasionally lift and/ or move up to 100+ pounds with assistance.

Degrees

- Heavy Equipment Operations Certificate (<https://uttc-public.courseleaf.com/programs/heavy-equipment-operations/heavy-equipment-operations-certificate/>)