

Construction Equipment Systems Technology



PROGRAM INFORMATION

The Construction Equipment Systems Technology curriculum prepares individuals for employment as Construction Equipment Technicians. It introduces careers in the Construction Equipment Technician area and increases student awareness of the challenges associated with the fast and ever-changing construction equipment field.

This program prepares individuals to apply technical knowledge and skills in field maintenance and repair of construction equipment, and in the general maintenance and overhaul of such equipment. Includes instruction in inspection, maintenance, and repair of tracks, wheels, brakes, operating controls, pneumatic and hydraulic systems, electrical circuitry, engines and in techniques of welding and brazing.

How well does it pay?

\$39,790-\$64,930

Average starting salary
(North Carolina State Average per CFNC.org)

Classroom and Lab experiences integrate technical and academic course work, with emphasis placed on theory, servicing and operation of braking systems, climate control, design parameters, drive trains, electrical/electronic systems, engine repair, engine performance, environmental regulations, materials, product finish, safety, steering/suspension, transmission/transaxles, and sustainable systems.

Wilkes Community College is an equal opportunity institution, in compliance and agreement with the provisions set forth in Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. No person shall be discriminated against on the basis of race, color, religion, national origin, political affiliation, gender, sexual orientation, age, or disability.
For information concerning WCC programs and gainful employment, please check the following link on our web page, www.wilkescc.edu/gainful-employment.

TYPICAL COURSES

- Diesel Engines
- Intro to Sustainable Transportation
- Intro to Transport Tech
- Transportation Climate Control
- Basic Transport Electricity
- Tech Report Writing
- Electronic Engines
- Equipment Braking Systems
- Undercarriage Systems
- Hydraulic/Hydrostatic for Construction
- Construction Equipment Servicing
- Technology and Society
- PC Skills for Transportation
- Hydraulics- Medium/ Heavy Duty
- Diesel Electronic System
- Basic Welding for Transport
- Power Trains

CONTACT INFORMATION

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