

HEAVY EQUIPMENT TECHNICIAN

Explore More About This Program: <https://cwi.edu/program/heavy-equipment-technician>

Program Description

The Heavy Equipment Technician program covers the theory, service, diagnosis, and repair of heavy equipment found in the agricultural and construction industries. Students are offered entry into the program at the beginning of the fall semester.

Prior to registering for HTEC 111, students must attend a program orientation. This will be an informative session to let prospective students know what is required in the Heavy Equipment Technician program. All students in this program must submit to a drug and alcohol test at the beginning of the program and random testing during the year at their own expense. See [program web page](#) or department chair for additional information regarding this policy.

The Heavy Equipment Technician program is designed as a sequential program that full-time students can complete in approximately 18 months when attending year-round. Introductory courses cover basic theory and repair procedures and emphasize a hands-on approach with extensive training on functional training aids and equipment. All courses are oriented toward high levels of technical understanding to support skills required for entry-level placement in the heavy equipment technician job market. In addition to technical course training, related instruction courses enable students to develop interpersonal skills needed to advance within the heavy equipment technology service industry.

Upper-level courses offer advanced discussions related to troubleshooting and diagnostic procedures in the classroom and in the shop environment. Diagnostic and repair procedures covered in these courses enable students to develop the skills necessary for advancement beyond entry-level positions in the heavy equipment technology industry. Students in this program can earn an Intermediate Technical Certificate, Advanced Technical Certificate, and/or Associate of Applied Science degree.

The Heavy Equipment Technician program is fully accredited by the Associated Equipment Distributors (AED) Foundation.

Note: Registrations for Heavy Equipment Technician courses are restricted to students within the major.

Degrees and Certificates

- [Heavy Equipment Technician - Associate of Applied Science Degree \(AAS\)](#)
- [Heavy Equipment Technician - Advanced Technical Certificate \(ATC\)](#)
- [Heavy Equipment Technician - Intermediate Technical Certificate \(ITC\)](#)

RELATED DEGREES AND CERTIFICATES

- [Heavy-Duty Truck Technician - Associate of Applied Science Degree \(AAS\)](#)
- [Heavy-Duty Truck Technician - Advanced Technical Certificate \(ATC\)](#)