Heavy Equipment Service Engineering Technology

Official Program Checksheet

Why Choose Heavy Equipment Service Engineering Technology (HSET)?

HSET provides the skills and knowledge required to test, diagnose, service and repair multiple, interfacing and technically sophisticated systems used on equipment in the agricultural, construction, forestry, stationary power and trucking industries. Mechanical, electrical, electronic and hydraulic technology are addressed, along with failure analysis, troubleshooting procedures and techniques, metrology, product design for manufacturing and fleet management.

Career Opportunities

Increased use of heavy equipment in the agriculture, trucking, construction and auxiliary power industries has created a widespread need for qualified heavy equipment technicians. Estimates suggest less than half of the current demand for technicians in this industry is being met, so skilled graduates are already in high demand.

Employment opportunities exist throughout the various heavy equipment industries. Job titles include diagnostic technician, technician, service engineer, field engineer, service manager, shop foreman, trainer, engineering technician and maintenance team leader.

Admission Requirements

To enroll in the HSET program at Ferris, students must have successfully completed an associate degree in Heavy Equipment Technology or equivalent.

General Education Requirements

All University General Education requirements can be found here: http://www.ferris.edu/HTMLES/academics/general-education/requirements/BA-BS.htm

Please consult this link for a complete listing of General Education Electives: http://www.ferris.edu/HTMLES/academics/general-education/courses/index.htm

Consult the official checksheet or program advisor for program specific General Education requirements.

Graduation Requirements

The Heavy Equipment Service Engineering Technology program at Ferris leads to a Bachelor of Science degree. Graduation requires a minimum cumulative GPA of 2.0. Students must complete all general education requirements as outlined on the General Education website.
More Information

Heavy Equipment Service Technology Program
Ferris State University
220 Sports Drive
Big Rapids, MI 49307-2280
Phone: 231-591-2810
heavyequipment@ferris.edu

The College of Engineering Technology Heavy Equipment Service Engineering Technology B.S. program is an accredited program of the Associated Equipment Distributors Foundation (AED) http://www.aednet.org/

The next accreditation review is scheduled for 2020.