

EQUIPMENT SERVICE CERTIFICATE

David Haus, PhD, **Dean**
 Phone: (419) 995-8422
 Email: haus.d@rhodesstate.edu
 Office: JJC 117

The Equipment Service Certificate provides students with the basic knowledge of electricity, robotics, fluid power, and industrial drives and prepares them maintain, troubleshoot, repair, install, and adjust a variety of machines. Students can earn industry credentials for FANUC robots and Parker-Hannafin hydraulics and pneumatics.

Manufacturing Engineering Technology Major

Program Learning Outcomes

Upon completion, the student will be able to:

1. Write programs to operate sophisticated machinery.
2. Diagnose problems and provide correct, effective solutions.
3. Apply their growing set of skills to creatively solve technical problems.

Technical Standards

See here for details.

First Year

First Semester		Hours
AMT 1080	Mechanical Drive Systems	3
IMT 2400	Introduction to Fluid Power	3
IMT 2080 or MET 1110	Introduction to Electricity or Manufacturing Processes	3
FMS 2130	Industrial Mechatronics and Robotics	3
Term Hours		12
Total Hours		12