The Engineering Technology program prepares students to work as professionals in highly technical fields including electronics, industrial automation, instrumentation, computer maintenance, and communication. The courses in this program help students obtain knowledge and develop skills that are highly sought by businesses and industry in our region and throughout the country.

Graduates have found well paying positions and have developed rewarding careers as engineering technicians, electronics technicians, automation and instrumentation specialists, and computer technicians. These graduates work throughout the region at manufacturing facilities, businesses, power plants and hospitals. They install high tech equipment, program PLC’s, calibrate instrumentation and maintain computers.

Western Kentucky University offers a bachelors degree in Owensboro that accepts the Engineering Technology associate degree and prepares people for management and leadership positions.
ASSOCIATE IN APPLIED SCIENCE
ENGINEERING TECHNOLOGY

General Education
Math Course       MT 150 College Algebra or
                  MT 125 Tech. Algebra and Trig
English Course    ENG I Writing I
Social Interaction Course
Heritage/Humanities Course
Oral Communication Course
Science Course    PH 171 Applied Physics or
                  other Science Course

Program Core Courses
ENGT 110          Circuits I
ENGT 114          Circuits II
ENGT 210          Devices I
ENGT 120          Digital I
CAD 100           Intro. to CAD or
                  other approved course
CIS 100           Introduction to Computers
ET 234            Computer Maintenance OR
ET 256            Microprocessor Fundamentals
ET 250            Programmable Logic Controllers OR

Specialization Courses
OCTC offers specializations in the Electronics and
Industrial areas. These will require an additional
24 to 27 college hours or five to seven additional
courses. These courses will be chosen by the student
and the student’s advisor based on career choices.

Students will have the opportunity to earn several
diplomas and certificates as they advance toward their
degree.