ELECTRONICS ENGINEERING TECHNOLOGY

(CIP 15.0303)

Associate of Applied Science

The WCJC Electronics Engineering Technology program has been placing graduates into industry for over 50 years. Students enrolled in the program learn electronics theory, and experience hands on training and skills in the laboratory setting. WCJC offers several Electronics labs equipped with industry standard test, measurement, and rework equipment enabling students to design, build, and test a multitude of circuits and projects.

Coursework in the program emphasizes:

- Electronics Theory
- Component level trouble shooting
- Logical thinking/ Problem Solving
- Hands on Experience

The program in Electronics Engineering Technology provides work-place experiences recommended by the U.S. Department of Labor Secretary's Commission on Achieving Necessary Skills (SCANS).

Students may begin the program in the fall or spring semester.

College Readiness Courses (if needed)

Semester I

CETT 1321	Electronic Fabrication
CETT 1331	Programming for Discrete Electronic Devices
ENGL 1301	Composition I
MATH 1314*	College Algebra
Social/Behavioral Sciences from the AAS General Education Course List	

Semester II

CETT 1403	DC Circuits
CETT 1425	Digital Fundamentals
ELMT 1301	Programmable Logic Controllers
MATH 1316	Plane Trigonometry
Humanities/Fine Arts from the AAS General Education Course List	

Semester III

CETT 1405	AC Circuits
CETT 1429	Solid State Devices
CETT 1345	Microprocessors
EECT 2339	Communication Circuits

Semester IV

CETT 1341	Solid State Circuits
CETT 2349**	Research and Project Design (Capstone Course)
CETT 1457	Linear Integrated Circuits
ELMT 2433	Industrial Electronics

Total Semester Hours – 60

*Students may enroll in MATH 2412 (Pre-Calculus Math) and MATH 2413 (Calculus I) if qualified.

**Students must earn a grade of "C" or higher in the capstone course (CETT 2349) in order to graduate.