

# Electronics# - General Emphasis

## Associate in Applied Science

Minimum of 61 Credits

In addition to the OCCC campus, this program is part of cooperative alliances with Francis Tuttle and Moore Norman Technology Centers. Major courses in this degree are offered at OCCC and at the technology centers. The Electronics Program features a general electronics curriculum that prepares the student for a wide range of careers in the electronics and related industries. The electronics technician may be involved in building and testing prototype equipment, equipment installation, maintenance, calibration, and operation, technical writing, and sales. To meet these needs, the student is provided a foundation in mathematics, science, communications, social studies, and specialized coursework in electronics.

Course #	Course Name	Credits	Type	Prerequisites
<b>Suggested Freshman 1st Semester</b>				
SCL 1001	SUCCESS IN COLLEGE AND LIFE	1	Life Skills	None
ENGL 1113	ENGLISH COMPOSITION I	3	Gen Ed	(R) (W), Adequate reading and writing assessment scores or LS 0033 College Writing II, either taken within the last year, with strong encouragement for immediate continuation.
ET 1014	D.C. / A.C. FUNDAMENTALS	4	Major	(R) (W) (M)
ET 1544	ELECTRONICS SHOP PRACTICES	4	Major	(R) (W) (M), ET 1014
FA MATH	FACULTY APPROVED MATHEMATICS ELECTIVE	3	Support	
<b>Suggested Freshman 2nd Semester</b>				
ET 1114	SOLID STATE CIRCUITS	4	Major	(R) (W) (M), ET 1014
ET 1124	DIGITAL LOGIC FUNDAMENTALS	4	Major	(R) (W) (M), ET 1014
HIST 1483	U.S. HISTORY TO THE CIVIL WAR --OR--		Gen Ed	(R) (W)
HIST 1493	U.S. HISTORY SINCE THE CIVIL WAR	3	Gen Ed	(R) (W)
OSRHE1	OSRHE APPROVED GENERAL EDUCATION COMMUNICATIONS OR ENGLISH COURSE*	3	Gen Ed	
GEN ED	GEN ED ELECTIVE	3	Gen Ed	
<b>Suggested Sophomore 1st Semester</b>				
FA MAJOR	FACULTY APPROVED MAJOR ELECTIVE	4	Major	
ET 2334	DIGITAL LOGIC SYSTEMS	4	Major	(R) (W) (M), ET 1124
GEN ED	GEN ED ELECTIVE	3	Gen Ed	
FA SUPPORT	FACULTY APPROVED SUPPORT ELECTIVES	3	Support	
POLSC 1113	AMERICAN FEDERAL GOVERNMENT	3	Gen Ed	(R) (W)
<b>Suggested Sophomore 2nd Semester</b>				
ET 2384	OPERATIONAL AMPLIFIERS	4	Major	(R) (W) (M)
ET 2024	COMMUNICATIONS SYSTEMS	4	Major	(R) (W) (M), ET 1144
FA SUPPORT	FACULTY APPROVED SUPPORT ELECTIVES	4	Support	

Major Courses: (32 credit hours) Electronics: ET 1014; ET 1114; ET 1124; ET 1544; ET 2024; ET 2334; ET 2384; ET 2414

General Education Courses: (18 credit hours) English: ENGL 1113; Any Oklahoma State Regents for Higher Education approved general education English or communications course\*; 3 credit hours; Political Science: POLSC 1113; History: HIST 1483 or HIST 1493; General Education Electives: Six credit hours

Life Skills Courses: (1 credit hour) Life Skills: SCL 1001

Support Courses: (10 credit hours) Three credit hours of faculty approved mathematics that meet OCCC's mathematics proficiency requirements; Support Electives: Seven credit hours of faculty approved support electives

Notes: This technical/occupational program is designed to prepare students to enter the job force following completion. See Technical/Occupational Programs in the general information section of the catalog.

Major courses are available only at Moore Norman Technology Center.

\* To be chosen from ENGL 1213, ENGL 1233, COM 1123, or COM 2213

#This program is offered through a cooperative alliance established with Moore Norman Technology Centers.

\*\* Students must file all financial aid through the technology center while attending there.