

ELECTRONICS DEPARTMENT

E7-314

(323) 265-8853

FACULTY

Retig, David A. - Chair
Professor

ADJUNCT FACULTY

Biddle, Justin M.
Vargas, Jr. Rudolph
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EDUCATIONAL PROGRAM**SKILLS CERTIFICATE:**

- **Training for A+ Certification**

SKILLS CERTIFICATE**A+ CERTIFICATION TRAINING**

The East Los Angeles College Electronics Department offers an "A+ Certification Training" program. Students who successfully pass the program requirements are eligible to take the A+ Certification examination.

| SUBJECT & NO. | COURSE | UNITS |
|---------------|-------------------------------------|-------|
| ELECTRN 120 | A+ Certification Training | .9 |
| | <i>Total</i> | 9 |

COURSE DESCRIPTIONS**ELECTRONICS (ELECTRN)****2 Introduction to Electronics (3) CSU**

Lecture, 3 hours.

This is a survey course in electronics and computer technology that provides the student with an introduction to many advanced electronic and computer concepts. Topics include atomic structures, voltage and current, and series and parallel circuits. Amplifiers, power supplies, microwave, GPS, loran, and satellite communication are also addressed. In the computer portion of the class, the subjects covered will include software, hardware operating systems networks, wireless communications, and more.

120 A+ Certification Training (9)

Lecture, 6 hours; Laboratory 9 hours.

This class prepares the student for the Computing Technology Industry Association (Comp TIA) national test. The course covers operating systems such as Windows, the Disk Operating System (DOS), hardware and software system setup control, and troubleshooting. System installation repair and maintenance are also covered.

185 Directed Study - Electronics (1) RPT2**285 Directed Study - Electronics (2)****385 Directed Study - Electronics (3)**

Conference 1 hour per week per unit.

The above courses allow student to pursue Directed Study in Electronics on a contract basis under the direction of a supervising instructor.

Credit Limit: A maximum of 6 units in Directed Study may be taken for credit.

