

ELECTRICAL TECHNOLOGY, CISCO CERTIFIED NETWORK INSTALLATION ASSOCIATE

Curriculum Guide for Academic Year 2020-2021

Table of Contents

- Associate in Science Degree, p. 1
- Certificate of Achievement, p. 2
- Career Opportunities, p. 3
- Program Mission and Outcomes, p. 3
- Legend, p. 3

Students planning to **transfer** to a four-year college or university should refer to the ASSIST web site at www.assist.org and **consult a counselor** before beginning a program of study. Please call (562) 938-4561 (LAC) or (562) 938-3920 (PCC) to schedule a counseling appointment. Students may also wish to visit the Transfer Center on either campus.

Program of study leading to:
Associate in Science (A.S.) Degree

Required Major Coursework:	Units	In Progress	Completed Grade
ELECT 253 OSHA Standards for Construction Safety	2		
ELECT 225 Algebra and Trigonometry for Technicians	4		
ELECT 204 First Semester Fundamentals of DC Electricity	4		
ELECT 240 Introduction to the National Electrical Code	3		
ELECT 209 Second Semester Fund of Motors/Generators	4		
ELECT 435A Motor Control Wiring and Troubleshooting	2		
ELECT 212 Third Semester Fund Of AC Electricity	4		
ELECT 214 Fourth Semester AC Principles & Practice	4		
ELECT 242 Electrical Code-Grounding	1.5		
Subtotal Units	28.5		
Required Concentration Courses			
CISCO 250			

Degree.

4. **Residence for the Field of Concentration:** Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 19.5 units** of the required 38.5 units. Credit earned by exam, where applicable, may be included.
5. **General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and For Plan A requirements, refer to the general catalog or view it online at <http://osca.lbcc.edu> .
6. Complete and submit the degree application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at <http://admissions.lbcc.edu/> . Refer to the Schedule of Classes (<http://schedule.lbcc.edu>) actual deadline for each semester

*The requirements for general education/proficiency and the field of concentration (major) need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout. See the catalog for definition of "continuous enrollment".

Program of study leading to: **Certificate of Achievement**

REQUIRED COURSES Co

Career Opportunities

This **Associate Degree or Certificate of Achievement** is a two-year program leading to the Associate in Science (A.S.) degree. This degree will help students succeed after transferring to a CSU or UC School Computer Science major program. Students

Program Mission and Outcomes

Program Student Outcomes (A.S. and CISCO Certified Network Installation Associate):

Develop procedures for the successful installation, maintenance and troubleshooting of CISCO related network infrastructure.

Legend

Catalog (<http://www.lbcc.edu/cat/index.html>), the Schedule of Classes (<http://schedule.lbcc.edu/>), or the online Credit Course Outline (<http://wdb-asir.lbcc.edu/coursecurriculum/coursedetails/>) for specific prerequisite information.