

ELECTRONICS ENGINEERING TECHNOLOGY: BASIC ELECTRONICS CERTIFICATE

C40200AH

Total Credit Hours: 13

FOR MORE
INFORMATION ABOUT
CAREERS AND
OPPORUTUNITIES IN
THE FIELD CONTACT:

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Instructor

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This program of study prepares students to apply basic engineering principles and technical skills to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems. Includes instruction in mathematics, basic electricity, solid-state fundamentals, digital concepts, and microprocessors or programmable logic controllers.

Career Opportunities: Graduates should qualify for employment as electronics engineering technician, field service technician, instrumentation technician, maintenance technician, electronic tester, electronic systems integrator, bench technician, and production control technician.

Course Code	Course Name	Semester Offered	Credit Hours
ELC 131	Circuit Analysis I	Fall, Spring	4
ELC 131A	Circuit Analysis I Lab	Fall, Spring	1
ELN 131	Analog Electronics	Fall, Spring, Summer	4
ELN 133	Digital Electronics	Spring	4
	Total Credit Hours		13

FOR MORE INFORMATION ABOUT CAREER AND COLLEGE PROMISE
OPPORUTUNITIES PLEASE CONTACT:

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