



Engineering Technology/ Electronics Technology, COA

[ENG.TECH.ELEC.CC; CIP Code 15.1199]

Certificate of Achievement

This program focuses on the basics of electronics. Cumberland works closely with business and industry leaders to keep its Engineering technologies curricula current.

Program Learning Outcomes

Upon Completion of this program, students should be able to:

- Successfully employ test and measurement equipment.
- Apply algebra to analyze simple electrical circuits.
- Employ standardized industrial equipment such as PLC and be capable to apply the principles of quality control.

Are you ready to get started
at RCSJ? Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/enroll)
and complete the interest
form.

FIRST YEAR - Fall Semester

<input type="checkbox"/> EG 101 Introduction to Engineering	2
<input type="checkbox"/> IT 107 Circuits I	4
<input type="checkbox"/> IT 205 Digital Electronics	3
<input type="checkbox"/> IT 218 Programmable Logic Controllers	3
<input type="checkbox"/> MA 110 College Algebra or MA 121 Pre-Calculus	3-4
<input type="checkbox"/> Program Elective	1-4
	<hr/> 16-20

TOTAL MINIMUM CREDITS: 16

This certificate of achievement stacks into the Electrical Engineering Technology, A.A.S. program when you take MA 121.