



Mechanical Engineering Technology, A.A.S.

[MET.AAS; CIP Code 15.0508]

Associate in Applied Science - Career

This program prepares students for entry-level employment in the field of mechanical engineering technology as well as transfer into baccalaureate programs leading to careers manufacturing, product development, robotics, automotive, and various other industrial fields. The flexibility offered by this program allows for entrance directly into the workforce or transfer into a BS in Mechanical Engineering Technology program.

Program Learning Outcomes

Students who have completed the program will be able to:

- Apply knowledge, techniques, skills, and modern tools of the discipline to narrowly defined engineering technology activities
- Apply knowledge of mathematics, science, engineering, and technology to engineering technology problems that require limited application of principles but extensive practical knowledge
- Conduct standard tests and measurements, and to conduct, analyze, and interpret experiments
- Identify, analyze, and solve narrowly defined engineering technology problems
- Apply written, oral, and graphical communication in both technical and non-technical environments with use of appropriate technical literature.

Program Contact

Dr. Cortney Bolden
Engineering Administrative Instructor
cbolden@rcsj.edu

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"/> ENG 101 English Composition I	3
<input type="checkbox"/> ENR 102 First Year Engineering Clinic I	2
<input type="checkbox"/> MAT 107 Pre-calculus and Mathematical Analysis	4
<input type="checkbox"/> PHY 103 General Physics I	4
<input type="checkbox"/> DFT 103 CAD I (AutoCAD)	3
	<hr/> 16

Spring Semester

<input type="checkbox"/> ENG 102 English Composition II	3
<input type="checkbox"/> MAT 108 Calculus I	4
<input type="checkbox"/> ENR 103 First Year Engineering Clinic II	2
<input type="checkbox"/> PHY 104 General Physics II	4
<input type="checkbox"/> ETEC 107 Circuits I	3
	<hr/> 16

SECOND YEAR - Fall Semester

<input type="checkbox"/> ENR 201 Sophomore Engineering Clinic I	1
<input type="checkbox"/> ENR 211 Engineering Statics	3
<input type="checkbox"/> ECO 101 Principles of Economics I (Macro) or ECO 102 Principles of Economics II (Micro)	3
<input type="checkbox"/> CHM 111 General Chemistry I	4
<input type="checkbox"/> ETEC 160 CNC Programming	4
	<hr/> 15

Spring Semester

<input type="checkbox"/> ENR 202 Sophomore Engineering Clinic II	1
<input type="checkbox"/> ENR 213 Engineering Dynamics	3
<input type="checkbox"/> ETEC 218 Programmable Logic Controllers	3
<input type="checkbox"/> SPE 101 Oral Communication	3
<input type="checkbox"/> ENR 200 Matlab Programming	3
	<hr/> 13

TOTAL CREDITS: 60