



[AAS-PTE; CIP Code 150699]

### Associate in Applied Science (A.A.S.) – Career

The Process Technology program is designed for students interested in a career working in industrial processing plants. Graduates of this program will be prepared for employment in the pharmaceutical, chemical and petroleum processing industries. The program curriculum will provide students exposure to a scientific background emphasizing hands-on work and critical thinking skills and opportunities for internships throughout the region.

#### Program Learning Outcomes

Students who have completed this program will be able to:

- Effectively communicate technical concepts in both written and oral form
- Identify process technology systems and troubleshoot abnormal processes
- Operate processing equipment effectively and safely

#### Program Contact

Brigitte Satchell, Dean,  
Career and Technical Education  
[bsatchel@rcsj.edu](mailto:bsatchel@rcsj.edu)

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

## Process Technology, A.A.S.

#### FIRST YEAR – Fall Semester

☐ ENG 101 English Composition I	3
☐ MAT 105 Intermediate Mathematics	4
☐ CHM 107 Introductory Chemistry	4
☐ PTE 101 Process Technology I: Intro. to Process Technology	3
	<hr/> 14

#### Spring Semester

☐ MAT 110 Algebra and Trigonometry	4
☐ PTE 102 Process Technology II: Instrumentation	3
☐ PTE 103 Principles of Occupational Safety and Health	3
☐ PTE 201 Process Technology Equipment	4
	<hr/> 14

#### Summer Semester

☐ CEP 211 Internship Career Connections	3
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#### SECOND YEAR – Fall Semester

☐ SPE 101 Oral Communication	3
☐ COM 105 Technical and Scientific Writing	3
☐ PHY 103 General Physics I	4
☐ PTE 202 Process Technology Systems and Troubleshooting	5
	<hr/> 15

#### Spring Semester

☐ SOC 130 Society, Ethics and Technology	3
☐ CIS 102 Introduction to Computers	4
☐ ENG 102 English Composition II	3
☐ ____ Program elective <sup>1</sup>	3–4
☐ HPE 105 Healthcare Provider Emergency Response with BLS Certification <sup>2</sup>	1
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**TOTAL MINIMUM CREDITS: 60**

#### Program Notes

Students should review requirements at their transfer institutions.

<sup>1</sup> PTE Program elective should be selected from: CET 101 Introduction to Materials, CET 207 Hydraulics, DFT 103 CADD I (AutoCAD), DFT 113 CADD II: Advanced AutoCAD or PTE 203 Industrial Process Operations

<sup>2</sup> HPE 105 Healthcare Provider Emergency Response with BLS Certification recommended