



[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

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Career and Technical Education
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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

<input type="checkbox"/> ENG 101 English Composition I	3
<input type="checkbox"/> MAT 105 Intermediate Mathematics	4
<input type="checkbox"/> CHM 107 Introductory Chemistry	4
<input type="checkbox"/> PTE 101 Process Technology I: Intro. to Process Technology	3
	14

Spring Semester

<input type="checkbox"/> MAT 110 Algebra and Trigonometry	4
<input type="checkbox"/> PTE 102 Process Technology II: Instrumentation	3
<input type="checkbox"/> PTE 103 Principles of Occupational Safety and Health	3
<input type="checkbox"/> PTE 201 Process Technology Equipment	4
	14

Summer Semester

<input type="checkbox"/> CEP 211 Internship Career Connections	3
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SECOND YEAR – Fall Semester

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

Spring Semester

<input type="checkbox"/> SOC 130 Society, Ethics and Technology	3
<input type="checkbox"/> CIS 102 Introduction to Computers	4
<input type="checkbox"/> ENG 102 English Composition II	3
<input type="checkbox"/> ____ Program elective ¹	3-4
<input type="checkbox"/> HPE 105 Healthcare Provider Emergency Response with BLS Certification ²	1
	14-15

TOTAL MINIMUM CREDITS: 60

Program Notes

Students should review requirements at their transfer institutions.

¹ 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

² HPE 105 Healthcare Provider Emergency Response with BLS Certification recommended