

### Certificates of Achievement

The Certificates of Achievement in the Surveying Engineering Technologies program will provide students with a concentration of courses that parallel the associate degree program. The certificates below give students the knowledge and skills needed for employment in their respective fields. Once a certificate is completed, students can continue with the remaining course requirements leading to an A.A.S. degree in Surveying Engineering Technologies from RCSJ.

#### Advisement

Current students please visit [RCSJ.edu/gc/Advisement](https://www.rcsj.edu/gc/) to schedule an appointment with your academic advisor. Future students please visit [RCSJ.edu/gc/Appointments](https://www.rcsj.edu/gc/Appointments) to learn more about how to get started.

# Surveying Engineering Technologies, COAs

Program Requirements Credits

#### Civil Engineering Technologies

[COA-CCET; CIP Code 15.0201]

Core Courses Credits

- CET 101 Introduction to Materials 3
- CET 108 Introduction to Surveying 3
- CET 203 Applied Statics 3
- CET 204 Structural Systems or
- CET 205 Applied Strengths and Materials or
- CET 208 Route and Construction Surveying 3

TOTAL CREDITS: 12

#### Construction Supervision

[COA-CACS; CIP Code 15.1001]

Core Courses Credits

- CET 101 Introduction to Materials 3
- DFT 103 CADD I (AutoCad) 3
- CET 201 Codes, Contracts, Specifications 3
- BUS 107 Business Law or
- CET 209 Cost Estimating or
- DFT 203 CADD 3D Modeling 3

TOTAL CREDITS: 12

#### Drafting and Design

[COA-CADD; CIP Code 15.1302]

Core Courses Credits

- DFT 103 CADD I (AutoCad) 3
- DFT 113 CADD II (Advanced AutoCad) 3
- DFT 211 Architectural and Civil Planning 3
- DFT 203 CADD 3D Modeling 3

TOTAL CREDITS: 12

#### Surveying Engineering Technology

[COA-CALS; CIP Code 15.1102]

Core Courses Credits

- CET 108 Introduction to Surveying 3
- CET 206 Evidence & Procedures of Boundary Locations 3
- CET 208 Route & Construction Surveying 3
- DFT 103 CADD I (AutoCad) 3

TOTAL CREDITS: 12