



### *Certificate 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.

## Surveying Engineering Technologies, COAs

### **Civil Engineering Technologies**

[ENGRCVETCOA; CIP Code 14.0101]

|                                                                                                                                                                   |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> CETE 101 Introduction to Materials                                                                                                       | 3        |
| <input type="checkbox"/> CETE 108 Introduction to Surveying                                                                                                       | 3        |
| <input type="checkbox"/> CETE 203 Applied Statics                                                                                                                 | 3        |
| <input type="checkbox"/> CETE 204 Structural Systems <i>or</i><br>CETE 205 Applied Strengths and Materials <i>or</i><br>CETE 208 Route and Construction Surveying | 3        |
|                                                                                                                                                                   | <hr/> 12 |

**TOTAL MINIMUM CREDITS: 12**

### **Construction Supervision**

[COMNSCOA; CIP Code 15.01001]

|                                                                                                                                  |          |
|----------------------------------------------------------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> CETE 101 Introduction to Materials                                                                      | 3        |
| <input type="checkbox"/> ETEC 103 CADD I (AutoCad)                                                                               | 3        |
| <input type="checkbox"/> CETE 201 Codes, Contracts, Specifications                                                               | 3        |
| <input type="checkbox"/> BUSN 109 Business Law <i>or</i><br>CETE 209 Cost Estimating <i>or</i><br>ETEC 212 CADD III: 3D Modeling | 3        |
|                                                                                                                                  | <hr/> 12 |

**TOTAL MINIMUM CREDITS: 12**

### **Drafting and Design**

[COMNDCOA; CIP Code 15.1302]

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| <input type="checkbox"/> ETEC 103 CADD I (AutoCad)                 | 3        |
| <input type="checkbox"/> ETEC 113 CADD II (Advanced AutoCad)       | 3        |
| <input type="checkbox"/> ETEC 216 Architectural and Civil Planning | 3        |
| <input type="checkbox"/> ETEC 212 CADD III: 3D Modeling            | 3        |
|                                                                    | <hr/> 12 |

**TOTAL MINIMUM CREDITS: 12**

### **Surveying Engineering Technology**

[ENGRSRCOA; CIP Code 15.1102]

|                                                                               |          |
|-------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> CETE 108 Introduction to Surveying                   | 3        |
| <input type="checkbox"/> CETE 206 Evidence & Procedures of Boundary Locations | 3        |
| <input type="checkbox"/> CETE 208 Route & Construction Surveying              | 3        |
| <input type="checkbox"/> ETEC 103 CADD I (AutoCad)                            | 3        |
|                                                                               | <hr/> 12 |

**TOTAL MINIMUM CREDITS: 12**

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