



Surveying Certificate

2018–2019

DESCRIPTION:

The Civil Engineering Technology Surveying Certificate is a one-year, three-semester program that provides a basis for entry-level careers in survey field and office operations. The one-year certificate is a directed-focus program that empowers students with those skills necessary for construction layout of buildings and roadways and, working under the direction of a Registered Surveyor, in land surveying and subdivision of land. For more information, see csc.edu/civl.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program. Students may start any semester.

ONGOING REQUIREMENTS:

Students must maintain minimum overall GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Specific employment positions include instrument person, field crew chief, and drafter/designer.

Transfer:

The courses in this Certificate can be applied towards the Civil Engineering A.A.S. and Surveying A.A.S. Degrees

CERTIFICATE REQUIREMENTS (SURVEYING CERTIFICATE):**FIRST SEMESTER**

| Course | Term | Credits | Milestones/Progress Check |
|--|----------|----------|---------------------------|
| ARCH 1120 ARCH CAD I | AU/SP/SU | 1 | |
| ESSH 1650 OSHA 30hr General Industry (safety course that is accredited and recognized industry-wide) | AU/SP/SU | 2 | |
| SURV 1410 Intro to Surveying | SP | 3 | |
| SURV 1420 Historical Surveying | AU/SU | 2 | |
| | | 8 | |

SECOND SEMESTER

| Course | Term | Credits | Milestones/Progress Check |
|---|-------|----------------------------|---------------------------|
| CIVL 2430 Roadway Location & Design | SP | 3 | |
| SURV 1460 PC Apps in Construction Science | AU/SP | 2 | |
| SURV 2450 Legal Principles in Surveying | SP | 3 | |
| SURV 2490 Land Development Systems | | 3 | |
| | | Semester Credits 11 | |

THIRD SEMESTER

| Course | Term | Credits | Milestones/Progress Check |
|---------------------------------|--------------|----------------------------|---------------------------|
| GIS 1102 Mapping for Everyone | AU/SP/SU | 2 | |
| SURV 2410 Engineering Surveying | AU/SU | 4 | |
| SURV 2480 Geodetic Surveying | SU | 4 | |
| | | Semester Credits 10 | |
| | Total | 29 | |

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
 Requirements subject to change.