



Residential Construction Management Certificate

2018–2019

DESCRIPTION:

This certificate prepares students to enter the residential segment of the marketplace. Students have the opportunity to work with documents, takeoffs, estimates, computer software, and hands-on construction applicable to the design, build, operation, and management industry through applied learning, case studies, and individual and group presentation projects. All certificate courses count towards the Construction Management A.A.S. degree. Students earning this certificate typically come from related fields of study and experience and desire to expand their knowledge and skills. For more information, see csc.edu/cmgt.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program.

ONGOING REQUIREMENTS:

Students should have a genuine interest and passion for the design, build, operation, and management industry. Students shall maintain college minimum GPA requirements.

OPPORTUNITIES FOR GRADUATES:

Career:

The market for entry and mid-level residential trades and supervisors is growing with industry retirement and restructuring. This certificate provides students opportunities to learn from the ground up. Current or prior field work is recommended.

Transfer:

Most college and universities will accept the credits on an institution-by-institution basis for related programs.

CERTIFICATE REQUIREMENTS (RESIDENTIAL CONSTRUCTION MANAGEMENT CERTIFICATE):

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
CMGT 1105 Construction Documents*/**	AU/SP/SU	3	
CMGT 1115 Construction Methods*	AU/SP/SU	3	
CMGT 1121 Construction Drawings*	AU/SP/SU	3	
CMGT 1135 Safety & Los Prevention	AU/SP/SU	2	
Semester Credits		11	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CMGT 1131 Quantity Survey	AU/SP/SU	3	• Begin development of applied supervisory skills, in addition to the opportunity to earn the OSHA 30-Hour Construction Safety & Health and CSI CDT certifications.
CMGT 1153 Residential Construction	AU/ /SU	3	
CMGT 2221 Management & Professional Development	AU/SP/SU	3	
ESSH 1650 OSHA 30-Hour Construction Safety & Health	AU/SP/SU	2	
Semester Credits		11	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
CMGT 1141 Estimating***	AU/SP/SU	3	
CMGT 2281 Residential Computer Estimating***	SU	3	
Semester Credits		6	
Total		28	

* Foundational, pre-requisite courses

**Includes opportunity to take Construction Specifications Institute Construction Documents Technologist exam

***Includes work with manual databases and current software for residential computer estimating

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