



## Estimating/Bidding Certificate

### 2018–2019

#### **DESCRIPTION:**

This certificate prepares students to enter into the estimating, procurement segment of the marketplace. Students have the opportunity to work with documents, takeoffs, estimates, computer software, and planning and scheduling 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 AAS 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](http://csc.edu/cmgt).

#### **ADMISSION REQUIREMENTS:**

This is a non-selective, open-admission program. Students may begin the program in any semester.

#### **ONGOING REQUIREMENTS:**

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 estimators 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 (ESTIMATING/BIDDING 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 & Loss Prevention	AU/SP/SU	2	
<b>Semester Credits</b>		<b>11</b>	

### SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CMGT 1131 Quantity Survey	AU/SP/SU	3	• The second semester builds upon first semester knowledge and begins development of applied estimating skills.
CMGT 2221 Management & Professional Development	AU/SP/SU	3	
<b>Semester Credits</b>		<b>6</b>	

### THIRD SEMESTER

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

### FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CMGT 2231 Commercial Computer Estimating***	AU/SP	3	
CMGT 2241 Planning & Scheduling***	AU	3	
<b>Semester Credits</b>		<b>6</b>	
<b>Total</b>		<b>29</b>	

\* 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.