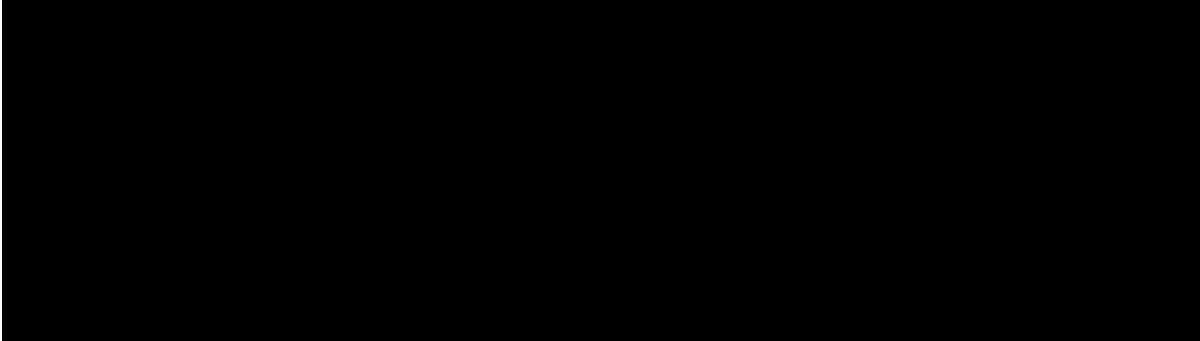


Construction Estimating

CMGT2640 001

Instructor Information



Course Description

This course covers the processes and methods used to develop a quantity takeoff (list of required materials) for commercial construction projects. Emphasis is placed on using spreadsheets to prepare the quantity takeoff.

Pre-Requisite(s): CMGT 1410 & CMGT 1450.

Semester(s): Fall & Spring

Course Student Learning Outcomes

- Practice the art of estimating, the estimating process, and apply the basic operation of Microsoft Excel Software.
- Describe the estimating and bidding process and illustrate the steps needed to complete an estimate.
- Create estimates that illustrate the true cost of residential and commercial projects by preparing cost breakdowns.

- Demonstrate the correct procedures to estimate the materials and labor required for the completion of project estimates, using industry standard methods.

Course Prerequisites

Prerequisite: CMGT 1410 Construction Materials & Methods and CMGT 1450 Construction Print Reading & Layout

Communication Plan

Example language:

I will respond to email within 2 days

I will offer feedback on major assignments within 2 weeks

The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication. You can also text me 8014303319

Keys for Success (how to succeed in the course)

I will often discuss items of importance that are NOT specifically addressed in the textbook, and to me they are more relevant and important than what is written in the text and I want you to make note of them. We might be discussing a general topic that is addressed in the text but I may offer some commentary that I think is more important or relevant than what is written in the text, I will ask quiz or exam questions about them.

Brief Description of Assignments/Exams

This is my first semester teaching this class and need some additional time to work out exactly what the assignments will be.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Roll Call Attendance	Assignment	100
8/22	Watch Bluebeam Videos Lab 1	Assignment	120
9/5	5 Plex Foundation Detailed Takeoff	Assignment	400
9/26	Exterior Takeoff	Assignment	400
10/22	Leveling Sheet for Exterior Scope	Assignment	800
10/29	Create a Site Plan for the Estimate	Assignment	300
12/10	Final Estimate	Assignment	2000

Grading Scale

Letter grades for the course will be assigned approximately as follows:

94.00 % or more	A		74.00 – 76.99 %	C
90.00 – 93.99 %	A-		70.00 – 73.99 %	C-
87.00 – 89.99 %	B+		67.00 – 69.99 %	D+
84.00 – 86.99 %	B		64.00 – 66.99 %	D
80.00 – 83.99 %	B-		60.00 – 63.99 %	D-
77.00 – 79.99 %	C+		59.99 % or less	E

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

You will need a computer with Bluebeam and Excel or use the computer lab.