

# Const Materials & Methods

CMGT - 1410 001

## Course Description

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Course provides students with knowledge of commercial and residential building techniques and materials. Examines common construction materials, components, and systems related to steel and wood frame structures. The construction process will be analyzed from site planning to completion.

Semester(s): Fall & Spring

## Course Student Learning Outcomes

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- Identify standard materials and methods used in constructing residential and commercial buildings.
- Explain how various materials and methods are best utilized in the construction process.
- Interpret the terminology used in describing the components of a building structure.
- Analyze the different systems used in the building process.
- Apply new software such as Bluebeam and Procore.
- Review various career opportunities available in the construction industry.

## Course Prerequisites

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N/A

## Engagement Plan

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Example language:

- I will respond to email within 2 days. I will offer feedback on major assignments within 1 week. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course I will be posting interactive announcements which will offer specific opportunities for class questions and extra credit every other week.
- Additionally, I will be participating in the discussion forums with you to share my perspective within the discipline and to offer some nuances of interpretation that may not be present in your textbook.
- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

## Required Text or Materials

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**Title: 5th Edition. Construction Materials, Methods, and Techniques: Building for a Sustainable Future**

For more information on textbook accessibility, contact Accessibility & Disability Services at [ads@slcc.edu](mailto:ads@slcc.edu).

## Brief Description of Assignments/Exams

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Three tests and an assortment of assignments, including key terms and other assignments related to what is taught

## Assignment Schedule

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Due Date	Assignment Name	Assignment Type	Points
	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Introduce Yourself</a>	Discussion	0

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	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Roll Call Attendance</a>	Assignment	100
2/23/25	<a href="#">chapter 7,8 rebar and forms</a>	Assignment	10
2/23/25	<a href="#">Key Terms 9-14</a>	Assignment	10
3/2/25	<a href="#">Chapters 1-14 Test</a>	Quiz	30
3/23/25	<a href="#">key terms 18-20</a>	Assignment	10
3/23/25	<a href="#">non ferrous metals</a>	Assignment	10
3/30/25	<a href="#">capital assignment</a>	Assignment	10
3/30/25	<a href="#">Insulation Materials</a>	Assignment	10
3/30/25	<a href="#">Key terms 22, 23</a>	Assignment	10
4/6/25	<a href="#">Mid Term - chapters 15 -26</a>	Quiz	51
4/6/25	<a href="#">Glue or Sealant Chapter 25</a>	Assignment	10
4/20/25	<a href="#">Flooring</a>	Assignment	10
5/4/25	<a href="#">E-Portfolio</a>	Assignment	10
5/4/25	<a href="#">EXTRA CREDIT!</a>	Assignment	0
5/4/25	<a href="#">Final Exam!</a>	Assignment	50
9/14/25	<a href="#">ADA or LEED article</a>	Assignment	10
9/14/25	<a href="#">Group Project Site plans</a>	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
9/14/25	<a href="#">Key words 3-6</a>	Assignment	10
9/14/25	<a href="#">Key Words Chapter 1 and 2</a>	Assignment	10

## Grading Scale

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Grading Criteria:

A	(92-100%)	C	(74-76%)
A-	(89-91%)	C-	(71-73%)
B+	(86-88%)	D+	(67-69%)
B	(83-85%)	D	(64-66%)
B-	(80-82%)	E	(below 64%)
C+	(77-79%)	I	(Incomplete)
		UW	(Unofficial withdrawal)

## How to Navigate to Canvas

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## Institutional Policies

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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.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

## [Learning Support and Tutoring Services](#)

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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, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. 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](#)

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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, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. 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](#)

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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](#)