

CMGT 1410-001- Fall 2024 – Construction Materials & Methods

Course Syllabus

Texts Construction Material, Methods, and Techniques; 5th Edition. Construction Materials, Methods, and Techniques: Building for a Sustainable Future.

Course Catalog Description:

This course provides students with a knowledge of light commercial and residential building techniques and materials. It will examine common construction materials, components, and systems related to steel and wood frame structures, emphasizing sustainable building practices. The construction process will be analyzed from site planning to completion.

Student Outcomes:

1. Define construction industry terminology, including project types and industry standards.
2. Understand general construction principles from planning and pre-construction to building sequences to closing and warranty work.
3. Become familiar with various construction materials and their uses.
4. Define construction management responsibilities and practices.
5. Identify a career path plan for entering the construction industry or consulting services.
6. Obtain a general understanding of finish materials, their uses, and basic design work.

Course Requirements:

1. Participation and Attendance: Class attendance and participating in class discussions is imperative to the learning process. Coming to class with questions, hearing questions from other students and participating in quizzes during class, are valuable learning tools for the individual student, as well as the class.
2. Quizzes: The number of Quizzes will be determined throughout the course.
3. Final Exam: Final exam will cover class discussions during the term

Grading Criteria:

Everyone meeting all the required criteria can receive an "A" grade for this class.

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%)

C+ (77-79%)

E (below 64%)

I (Incomplete)

UW (Unofficial withdrawal)

Grading and Evaluation:

Attendance: 100 Points

Assignments: 140 Points

Quizzes: 81 points

Final Exam: 50

<https://www.slcc.edu/academics/docs/syllabus-statement.pdf>