



Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring

Course Prefix: CMGT

Course Title: Construction Materials and Methods II

Year: 2025

Course and Section #: 2010-602

Credits: 3:2:2

Course Description

Construction Materials and Methods II covers Parts IV-V of the text. These parts correlate with Divisions 6-9 (and more) of the Construction Specifications Institute (CSI) Master Format™. This course provides a basic knowledge of the materials and methods used in heavy civil, commercial and residential constructions. Includes lectures, site visits, laboratories, print reading, and estimating

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: Brent Christenson

Student Learning Outcomes

Students will be introduced to the following with an emphasis on SLO's 5 & 8.

- 5) An understanding of materials, labor and methods of construction.
 - 8) An ability to design, implement, and evaluate construction cost management including plan reading, quantity take offs and estimating. (focus on plan reading and qto's)
 - 10) An ability to function effectively on teams and demonstrate skills in leadership and managing people.
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Course Materials and Texts

Course Requirements

Course Assignments, Assessments, and Grading Policy

Coursework/Grading Scale: Summary of Anticipated Assignments

<u>Assignments</u>	<u>Points</u>	<u>Due Date</u>
Class Participation	***	
Chapter Review Questions	***	See Calendar
Team Presentation (1 each)	***	See Calendar
Estimating/lab Assignments ()	***	See Calendar
Site Visits (TBD)	***	See Calendar
Individual Research Paper (1 each x 100 pts)	***	See Calendar
Midterm Exam	***	See Calendar
Info Session (1each 25)		*** See Calendar
CMSA Event or Info Session		***
Final Exam	***	See Calendar
Tuesday May		5:00 PM

TOTAL POINTS

TBD

*****Extra Credit MAY be offered at the discretion of the instructor*****

Grading Scale	A = 93 - 100	C+ = 74 - 77	D- = 45 - 50
Percentages:			
A- = 89 - 92	C = 69 - 73	E = 0 - 44	
B+ = 86 - 88	C- = 60 - 68		
B = 82 - 85	D+ = 56 - 59		
B- = 78 - 81	D = 51 - 55		

Exams:

Midterm Exam will be administered through CANVAS available during the calendar Times and Dates. DUE DATE WILL BE DETERMINED by Instructor.

Final Exam will be administered through CANVAS available during the calendar Times and Dates.

The Final Exam will be administered in-class and online during the scheduled day and time according to the University FINAL EXAM schedule and Course Calendar Midterm MAY be made up if prior arrangements have been made, or extenuating circumstances occur.

Team Presentations:

Each student with their assigned group is required to research, report, and professionally present on a material product or subject during the semester. The presentations hard copies will be due at the beginning of class on the assigned date (see sign up sheet). Each presentation will be created using a computer generated presentation (ie: MS Presentation, Prezi) and should last 10 minutes per presenter (typically this is 4 quality slides) plus 5 minute key takeaway and 10 minute review. The products should be presented from a marketing/subcontractor perspective according to the presentation rubric. Your team is to present the product description, branding, proper use and sequence, where it is found in the construction documents, services, unit costs, quantity discounts...etc. Present it to the class as if you were trying to sell them the product and/or services to be

used on a current project. Each product must be submitted electronically and hardcopy.

The presentation will be evaluated using the following criteria:

- Presentation preparedness and participation.
- Presentation quality. PowerPoint is recommended with at least 6 quality slides.
- Use of pictures, charts, graphs, etc. to assist learners in visualizing the topic.
- Engaging other learners in the topic through questions and discussion, etc.
- Submit a hard copy prior to the presentation in class
- **After your presentation submit an electronic copy via canvas (each member).**

Research Papers Due: The Research Papers (original for this course) must be 3-4 Pages written (cover and reference pages not counted). Papers must be APA formatted and double spaced. Abstract NOT required. Each page should include a minimum of **one reference** and must be cited on a reference page using a hanging indent. Please use the UVU writing lab for writing suggestions and APA formatting issues. The online writing lab (OWL) URL is: uvu.edu/writingcenter

- **** The midterm, final exam, research paper and presentations must be completed to pass this course**

Required or Recommended Reading Assignments

Click here to enter text.

General Description of the Subject Matter of Each Lecture or Discussion

Plans, print reading take offs	Specifications symbols/ abbreviations.
Regulatory standards/Safety	Material properties
Exterior Finishes	Structures-Steel/Wood
Building Systems and Enclosures	Thermals and Finishes
Doors and Windows	Gypsum Wallboard and Finishes

Required Course Syllabus Statements

Generative AI

Click here to enter text.

Using Remote Testing Software

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of

remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office

for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.