



Master Course Syllabus

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

Semester: Spring

Year: 2025

Course Prefix: CMGT

Course and Section #: 1010-001 WE

Course Title: Introduction to Construction Management

Credits: 3

Course Description

COURSE DESCRIPTION: A survey of the construction industry including the main categories of construction, the project participants and their roles. This course includes many “discipline specific” writing assignments and serves as one of two required Writing Enriched (WE) courses.

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: BARRY HALLSTED, PH.D.

Student Learning Outcomes

STUDENT LEARNING OUTCOMES: The ABET and UVU WE student learning outcomes addressed in this class are:

- Compose a variety of discipline appropriate texts within multiple situations and for multiple audiences. Construction project management from pre-design through commissioning.
 - An ability to identify and analyze project delivery methods.
 - An ability to use and apply business and communication skills.
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Course Materials and Texts

REQUIRED TEXT 1: Spence / Kultermann, “Construction Materials, Methods, and Techniques,” 2022 (5th Edition), Delmar/Cengage, ISBN: 978-0-357-51383-5.

REQUIRED TEXT 2: “Professional's Guide to Managing the Design Phase” Ver. 2, ISBN: 978-1-55701-841-0 This booklet is an excellent resource and study guide. Both the mid-term and final exams

heavily draw from the information in this text. A pdf version is available on Canvas under “files”, “delivery methods.”

Course Requirements

GRADING POLICY: All assignments are due by 11:59 pm on the date indicated on Canvas. Any late assignments will have a 10% deduction per day with a maximum deduction of 50% for late work. The grading scheme automatically quantifies grades and cannot be changed. Please plan accordingly. Exams can only be made up if prior approval was granted, otherwise late exams will be granted a maximum of 50%.

EXAMS/QUIZZES: There will be two exams for this course. The questions will come from recommended reading and lecture material. Exams will be taken in class on scheduled dates (except for online course sections). The questions will come from lectures and reading material. The intent is to prepare students for in-class discussion and to keep up with assignments and document attendance. Additional quizzes may be given throughout the semester.

EXTRA CREDIT: Extra credit opportunities are often available. Visits to industry organization events such as USGBC, CSI, PMI, AGC, NAHB. Must include a copy of the program and/or receipt and a 1-2 paragraph report and other evidence like a selfie or name tag for the event is usually sufficient.

Attending Job Fairs and additional "Info Sessions" are great for extra credit as well. Any extra credit event must take place during the semester you are enrolled in this course. Please note: Extra Credit requires that you submit ONE DOCUMENT through Canvas at the end of the semester. Extra credit can be accrued; however, points are **ONLY** awarded after tests and major assignments have been completed, hence the name EXTRA Credit. The points will vary depending on event. Participation in approved CM competitions may be worth as much as 100 points.

PARTICIPATION: Participation will be measured in three ways: 1) Class attendance and participation. 2) Group and individual assignments and presentations. 3) Engaged learning and outreach. Participation points will accumulate throughout the semester. If you attend class regularly and participate fully, you will receive the maximum credit available. If your attendance is sporadic, you arrive consistently late, or are distracted, your score will be lower. Participation points will vary each semester. An anticipated final score is indicated on Canvas.

INDUSTRY ORGANIZATION VISITS – Each student is encouraged to attend as many industry organization events as possible during the semester. One is required and all others will receive extra credit. A paper (one page or less) outlining what was learned along with verification of attendance, i.e. pamphlet, business card, copy of notes, etc. Please submit your write up along with a scan of verification items to Canvas. The instructor may accept an “online version” instead. See Canvas for details.

A non-comprehensive list of several organizations in the greater Salt Lake area is posted on Canvas.

INFO SESSION ASSIGNMENT – Student success in Construction Management largely depends on their ability to engage, interact, and communicate with companies and their representatives. Each semester, several companies come to UVU to recruit graduates and interns. The times and locations may vary but are typically posted in the hallways near the Construction Technologies offices and labs. Notices may also be passed around at the beginning of classes or posted on Canvas. Details for this assignment are posted on Canvas. Students attending more than one of these events may add documentation to their extra credit file to receive additional credit. Most will be done live and in-person. Some will be offered online through Microsoft Teams, however for full credit, you must attend in

person. Event information will be sent out via email, posted on CMGT Bulletin boards, announced in class, and sent out through Canvas.

ASSIGNMENTS & RESOURCES – Students will be required to prepare and submit the following assignments using Bluebeam software such as:

SWPPP Plan Assignments (2)
Submittal Assignment

It may also prove useful for several other assignments, but not required.

Bluebeam is the software technology students will be required to use to prepare these assignments. Students may use the computers in the CM Computer Lab (GT 611) or set up a Virtual Private Network (best option). Google “UVU Student VPN Access” to set this up. Details on the assignment expectations will be posted on Canvas. A very limited amount of time in class will be spent on how to use Bluebeam. Students are expected to use the “help” tab in Bluebeam and/or “Bluebeam University” for detailed instructions on how to use the technology. Bluebeam and similar technologies will be used extensively throughout the entire CMGT curriculum. Bluebeam is designed for PC (Windows) computers, NOT Apple iOS computers. They have excellent versions available for iPhone and iPads, but these apps are not sufficiently robust to do the assignments required for class. Bluebeam typically offers the software Construction Management, Engineering and Architectural students free of charge. They change the usage terms frequently, but if you Google "Bluebeam Academic" you will be directed to the latest information. They do require you to "request" a free Academic Version. You will have to use your UVU email address and provide documentation that you are a AEC student to receive a code for the free version. Here is a link for your convenience: <https://www.bluebeam.com/community/academic/Links> to an external site.

Several “Video Assignments” are required. Details including start and due dates are posted on Canvas. Some assignments will not appear on Canvas and will populate the week that they will be

Required or Recommended Reading Assignments

Click here to enter text.

General Description of the Subject Matter of Each Lecture or Discussion

COURSE OBJECTIVE: Examine the construction industry through guest presentations, course lectures, reading and writing assignments. Throughout the course the M’s and P’s of construction will be explored and discussed which include manpower, machinery, materials, marketing, management, money, methods and the plans, players and projects.

Each baccalaureate program at UVU is required to have 2 Writing Enriched (WE) courses to meet graduation requirements. Writing Assignments will include both “High Stakes” and “Low Stakes” assignments. Both are equally important, but have different requirements, grading parameters and revision expectations. Details are provided for each writing assignment on Canvas.

Required Course Syllabus Statements

Generative AI

ACADEMIC INTEGRITY INCLUDING PLAGIARISM AND AI USAGE: Students are expected to maintain absolute integrity and high standards of individual honesty in academic work. Plagiarism is a serious offense that does not align with the university’s mission and values. Student’s work must be

their own and use outside sources in a manner that consistently gives proper credit to those sources through established academic conventions.

Plagiarism has occurred if you:

Use the exact wording of another author or source in such a manner that it appears to be your own, regardless of the form in which those words originally appeared (e.g., a book, article, lecture, web site, speech, graphic, or any other form such as an AI text generator)
Paraphrase (put into your own words) another author's wording in a manner where the language and/or syntax is too similar to the original passage and is not properly cited.
Fail to clearly acknowledge the partial or full authorship of someone else when submitting work.
Fabricate false information that is not based on actual research used on a writing project.
Have someone else, paid or otherwise, write your paper or use a paper mill site that contains ready-to-use papers written by others.
Generate and submit a paper using artificial intelligence, such as ChatGPT

While the above actions can happen with intentionality to deceive, plagiarism can also happen accidentally (due to careless resource use, not using proper citation methods, and not understanding the conventions of our chosen style guide). Though intentional vs accidental is often a judgment call for an instructor, it's important to note that accidental plagiarism is still plagiarism—a serious need to address the incident arises regardless.

The instructor may allow, or even require artificial intelligence (chat bots such as ChatGPT). If AI is allowed or required for an assignment, it will be clearly noted in the assignment details on Canvas. Believing the technology is here to stay and will be used extensively in Construction Management, it is important to understand both its strengths and limitations. AI is already proving its usefulness in brainstorming writing ideas, simplifying complex topics, and performing rudimentary research. We believe AI is a tool with potential usefulness for writers. However, AI is also fraught with serious issues. It possesses accuracy problems while simultaneously sounding very confident about its incorrectness. It also frequently generates fake citations and quotations. It cannot understand the complexities and contexts of human communication. Finally, the way AI is trained on other texts poses several ethical questions about copyright and intellectual theft of property (along with uncritically inheriting the biases of the texts it's trained on).

Copying the exact wording of an AI chatbot is considered plagiarism. Although many citation guides are already presenting ways to properly use and cite AI, we do not currently believe that citing AI in your work is in line with the standards of academic writing that value knowing the exact author(s) or sources that informed your writing.

If the infraction (plagiarism or improper AI use) is very minor or clearly unintentional, a lowered grade may be the only sanction. In more serious cases, the assignment may receive an automatic zero. Serious infractions may lead to your instructor filing an incident report with the Student Conduct office where the incident report becomes a part of your permanent record.

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.