

**Construction Management Department
California State University, Chico**

**CMGT 100 – Concepts of Construction
Course Syllabus**

A. Prerequisites

None

B. Meeting Time & Location

CMGT 100-1 Class #3084 M/W 1:00 PM – 1:50 PM ARTS 111

C. Instructor

Rich Holman rholman@csuchico.edu (530) 519-7424 (cell)

Office Hours: Monday and Wednesday 2:00 PM – 3:50 PM
Also by appointment – e-mail to arrange meeting

Office Location: O’Connell Technology Center, Room 328

Office Phone: 530-898-5669 – recommend cell phone (see above)

D. Catalog Description:

An overview of construction trends, methods, materials, practices, contracts, laws, and codes.

E. Course Learning Outcomes (CLO):

Upon successful completion of this course, the student will:

1. Understand the various types of construction contract formats (AGC, AIA, etc). **(Introduce ACCE SLO #9/12/13)**
2. Understand the various type of construction cost estimates. **(Introduce ACCE-SLO #3/6)**
3. Understand the various “Cost Types” of an estimate. **(Introduce ACCE-SLO #3/6)**
4. Understand the difference between direct and indirect costs. **(Introduce ACCE-SLO #3/6)**
5. Understand the fundamentals of CPM scheduling and be able to complete a forward pass and a back pass. **(Introduce ACCE-SLO #5)**
6. Understand what liquidated damages are. **(Introduce ACCE-SLO #5)**
7. Understand construction accounting and cost control. **(Introduce ACCE – SLO #14)**
8. Understand the five red flag provisions of a contract. **(Introduce ACCE – SLO #17)**
9. Understand the various construction communication documents and their uses. **(Introduce ACCE – SLO #1)**

Student Learning Outcomes (SLO)

The American Council for Construction Education (ACCE) prescribes 20 Student Learning Outcomes (SLO) as Educational Objectives for an undergraduate degree program in Construction Management. For a list of these 20 SLOs visit the Chico State Department of Construction

Managements website www.csuchico.edu/cm and the SLO link under ACCE Accreditation drop down menu.

The following SLO's are supported by this course in the form of I=Introduction, R=Reinforced or DA=Direct Assessment:

- SLO 1 – Create written communications appropriate to the construction discipline (I).
- SLO 3 – Create a construction project safety plan (I).
- SLO 5 – Create construction project schedules (I).
- SLO 6 – Analyze professional decisions based on ethical principles (I).
- SLO 9 – Apply construction management skills as an effective member of a multi-disciplinary team (I).
- SLO 12 – Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process (I).
- SLO 13 – Understand construction risk management (I).
- SLO 14 – Understand construction accounting and cost control (I).
- SLO 16 – Understand construction project control processes (I).
- SLO 17 – Understand the legal implications of contract, common, and regulatory law to manage a construction project (I).

ACCE Direct Assessment Mapping:

<u>SLO</u>	<u>CLO</u>	<u>Assessment Type</u>	<u>Week</u>	<u>Target</u>
There are no direct assessments performed in this course				

F. Course Resource Materials Requirements:

Textbook: There is no required textbook for this class. Reading material will be provided for the student, as required, and will be distributed in class. As a result ATTENDANCE IS IMPERATIVE.

G. Course Requirements:

Honesty in the Classroom

You are expected to be familiar with the University's policy on academic integrity. As such, there will be no tolerance for dishonesty, sharing of work, or copied work. Ethical standards as established by the university will be strictly upheld as defined in the University Catalog.

Tobacco Products

The use of any type of tobacco product (smokeless, chewable or otherwise) is not permitted in any building at California State University, Chico. If you chew tobacco products, please refrain during class time.

Electronic Devices

The use of phones, and other electronic devices (excluding laptops) is not permitted in class. If you must take a call (work or emergency), please EXIT the classroom before answering the call.

H. Instructional Methods:

This course is designed around the following methods of presenting material to the student:

Class discussions reinforced by in-class quizzes, midterms, and a cumulative final exam.

I. Assignments:

Out of class work may be assigned. *Completed assignments will be collected at the beginning of class*; please bring your work pre-printed to class for submission.

J. Assessments:

Assessments are the basis of determining your ability to create, analyze, apply, and understand the Course Learning Outcomes (CLO) and Student Learning Outcomes (SLO) provided by ACCE. Instructional target goals have been established (as noted above) and the results of the assessment in these areas will be used to determine the success of the student and instructor for this course.

Quizzes

Quizzes will be given based upon the class discussion, assigned readings, and construction terms presented. Quizzes will be given as posted in the course announcements or e-mail.

There will be NO make-up quizzes, unless prior arrangements have been made.

Exams

There will be three midterms and one final exam. The final exam will have overall coursework objectives/comprehensive questions. Normally there will not be a make-up for anyone missing an exam. *If a student is unable to take an exam due to an emergency or illness, or is entitled to special accommodations, the instructor should be notified in advance.* Non-excused absences will yield a score of zero. No makeup exams will be given, except for a serious and compelling reason as defined in the University Catalog.

Participation, Attitude, and Attendance

A portion of your course grade will be based on participation and attendance. An attendance sign-in sheet will be distributed and will account for a portion of your grade as shown below.

K. Grading/Evaluation:

All point totals shown are approximate and subject to revision during the course of the semester.

Evaluation Criteria	Weighting
Quizzes/Homework	15%
Midterms	60%
Attendance/Pop Quizzes	5%
Final Exam	20%

Grades are generally assigned by the following distribution, although the professor reserves the right to modify the distribution.

A	=	94 -100% (Exceptional)	C+	=	77 – 79% (Above Average)
A	=	90 – 93% (Excellent)	C	=	73 – 76% (Average)
B+	=	87 – 89% (Very Good)	C-	=	70 – 72% (Below Average)
B	=	83 – 86% (Good)	D	=	60 – 69% (Inadequate)
B-	=	80 – 82% (Adequate)	F	=	< 60% (Failing)

L. Topical Outline

To be discussed weekly in class

M. University Policies and Campus Resources

Academic integrity

Students are expected to be familiar with the University's Academic Integrity Policy. Be familiar with the University's policy on academic honesty. I take this issue very seriously, and will not tolerate any form of dishonesty such as plagiarism or cheating. Your own commitment to learning, as evidenced by your enrollment at California State University, Chico, and the University's Academic Integrity Policy requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the Office of Student Judicial Affairs. The policy on academic integrity and other resources related to student conduct can be found at: <http://www.csuchico.edu/sjd/sja.shtml>

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Students with disabilities requesting accommodations must register with the ARC Office (Accessibility Resource Center).

Special accommodations for exams require ample notice to the testing office and must be submitted to the instructor well in advance of the exam date.

Student Computing

Computer labs for student use are available <http://www.csuchico.edu/stcp> located on the 1st floor of the Merriam Library Rm 116 and 450, Tehama Hall Rm.131 and the BMU Rm 301.

Student Learning Center

The mission of the Student Learning Center (SLC) is to provide services that will assist CSU, Chico students to become independent learners. The SLC prepares and supports students in their college course work by offering a variety of programs and resources to meet student needs. The SLC facilitates the academic transition and retention of students from high schools and community colleges by providing study strategy information, content subject tutoring, and supplemental instruction. The SLC is online at <http://www.csuchico.edu/slc/>. The University Writing Center has been combined with the Student Learning Center.

N. Other

ADDITIONAL INFORMATION:

This course will give the student an overview and understanding of the management operations for construction projects and companies including the planning (both financial and time), monitoring, control, and legal aspects. The student will be introduced to the needs of construction operations management and to some planning and monitoring systems that will accomplish these tasks.

Disruptive Behavior

Students are required to adhere to the behavior standards articulated in the Campus Policies and Code of Student Conduct, and to refrain from disrupting classes and other academic settings. "Disruptive behavior" means conduct that materially and substantially interferes with or obstructs the teaching or learning process in the context of a classroom or educational setting. Disruptive behavior includes conduct that distracts or intimidates others in a manner that interferes with instructional activities, fails to adhere to an instructor's appropriate classroom rules or instructions, or interferes with the normal operations of the University.

Disruption in the classroom may include:

- Persistent speaking without permission
- Side conversations
- Excessive talking
- Engaging in activities not related to the class, or other overt inattentiveness including but not limited to sleeping, talking to others, doing work for another class, checking e-mail, and exploring the Internet
- Ringing cell phones or using a cell phone
- Using mobile devices or laptop computers in the classroom for non-course related purposes
- Eating/drinking in class without permission
- Monopolizing class discussion and refusing to defer to instructor, or listen to others; persisting when the instructor has indicated that the student's remarks are off topic and it is time to move on
- Chronically entering late/leaving early, moving about the classroom when not appropriate for the classroom activity
- Filming, photographing, or taping the class without the instructor's prior permission
- Disputing authority or arguing with faculty and other students
- Yelling, arguing, swearing, bullying, or other harassing or intimidating behavior
- Inappropriate, disrespectful, or uncivil responses to the comments, opinions, presentations, etc. of others in the classroom
- Physically or verbally abusive conduct
- Failure to adhere to the instructor's rules or instructions
- Vulgar or obscene language, slurs or other forms of intimidation
- Threats of any kind
- Improper use of equipment, materials or resources
- Destruction of property
- Coming to class under the influence of alcohol or another controlled substance
- Bringing individuals to class who are not enrolled, including infants/children
- Any behavior that puts the health or safety of the instructor or other students in the classroom in jeopardy