

describe construction project phases, estimation, bidding, scheduling, resource management, project financing, and construction project control processes.
develop fundamental concepts of cost estimation processes.
prepare work plan, work package, work breakdown structure, cost breakdown structure, organization breakdown structure, etc.
describe personal management skills
crash the schedule to complete projects on time
explain various methods of project financing

Recommended Reference Books and Materials:

Project Management for Engineering and Construction, 2nd edition by G. D. Oberlender, McGraw-Hill Book Company, 2000
Computer-Based Construction Project Management by Tarek Hegazy, Prentice Hall, 2003
Construction Planning and Scheduling, 3rd edition Jimmie W. Hinze, Pearson Prentice Hall, 2008.
RS Means Cost Guide

Course Requirements:

Students will engage in the following activities:

- Attend classes
- Read assigned material prior to class sessions
- Complete the course project**
- Participate in class discussions
- Complete examinations
- Complete semester project

Late Policy:

NO late home

Course Topics:

The following topics will be covered in the course. The following listing is a general
Late P

Assignment Weights:

- Exam I: 20%
- Exam II: 20%
- Homework: 20%
- Semester project presentation: 15%
- Semester project: 25%

Grading Scale:

Letter Grade	Score Range	Subjective Criteria
A	90%	Superior knowledge

Classroom Conduct

Students have a responsibility to conduct themselves in class and in the libraries in ways that do not interfere with the rights of other students to learn, or of instructors to teach. Use of devices such as cellular phones and pagers, or other potentially disruptive activities are only permitted with the prior explicit consent of the instructor. Students are specifically prohibited to record classes without instructor authorization, including online/remote classes (either audio only, or video and audio). The instructor may rescind permission at any time during the class. If a student does not comply with established requirements or obstructs the functioning of the class, the instructor may initiate an administrative withdrawal of the student from the course.

Since the COVID-19 pandemic forced some instruction to be delivered remotely starting in Spring 2020, numerous students have asked instructors to record their synchronous classes, so that they can access them at their convenience. Instructors who agree to record their classes (audio only, or video and audio) should inform students in advance. Recorded lectures may not be broadly released to anyone, but made available exclusively to those students enrolled in the class during the particular academic term. Recorded lectures must be stored secure

Retention Policy, meaning that the recordings can only be deleted 120 days after the end of class (i.e., after grades are posted). Once this requirement is met, the recordings should be deleted. Class recordings are protected from disclosure, as they are deemed part of an educational record under the Family Educational Rights and Privacy Act (FERPA).-6(0.)JTJET@0.000009r au

Library Resources

Librarians are available to consult with students on research needs, including developing research topics, finding information, and evaluating sources. To make an appointment with a subject expert for this class, please visit the _____ website, <https://guides.library.unlv.edu/appointments/librarian>. You can also [ask the library staff](https://ask.library.unlv.edu/) questions via chat and text message at <https://ask.library.unlv.edu/>.

Missed Classwork

Any student missing class, quizzes, examinations, or any other class or laboratory work because of observance of religious holidays will be given an opportunity during that semester to make up the missed work. The make-up opportunity will apply to the religious holiday absence only. It is the responsibility of the student to notify the instructor within the first 14 calendar days of the course for Fall and Spring courses (except for modular

and comments on topic, and use first person, positive language when expressing their perspectives.

