



# **CONE 424.01E CONSTRUCTION ACCOUNTING AND FINANCIAL MANAGEMENT**

COURSE SYLLABUS: SPRING 2024

## **INSTRUCTOR INFORMATION**

**Instructor:** Taewoo Ko Ph.D., Assistant Professor

**Office Location:** AG/ET 119B

**Office Hours:** M, T, W, R 10:00 am - 11:30 am or by appointment.

**Office Phone:** 9034688131

**Office Fax:** 9038865960

**University Email Address:** taewoo.ko@tamuc.edu

**Preferred Form of Communication:** Office Hours or Email

**Communication Response Time:** Emails will be responded to on the same day. Feel free to send an email at any time. Emails received during the weekend will be responded to on the evening of the same day.

**Course Times:** MW 08:00 am – 09:15 am

## **COURSE INFORMATION**

Textbook:

Textbook Required: Construction Accounting & Financial Management. Steven J. Peterson/ 3rd edition. Publisher: Pearson ISBN- 978-0132675055. The instructor will provide lecture slides/ handouts as references too.

### **Course Description**

This course familiarizes students with the application of accounting and financial analysis in decision-making within the context of construction and development. It illustrates how accounting and financial management principles can be tailored for effective use in the oversight of construction companies and project management. Students will examine accounting concepts, rules, regulations, and reporting requirements specific to the construction and development industry. Additionally, they will gain hands-on experience in utilizing and constructing accounting and financial models relevant to this field.

*The syllabus/schedule are subject to change.*

## **Student Learning Outcomes**

After completing this course:

Upon completion of this course, the student will be able to:

1. Use statistical methodology and tools in the engineering problem-solving process.
2. Complete and interpret descriptive statistics using numerical and graphical techniques.
3. Understand the basic concepts of probability, random variables, probability distribution, and joint probability distribution.
4. Compute the point estimation of parameters and explain sampling distribution and joint probability distribution.
5. Construct confidence intervals on parameters for a single simple.

## **COURSE REQUIREMENTS**

### **Prerequisites**

1. ENGR 411-Min Grade C

### **Minimal Technical Skills Needed**

1. Students must be able to access the Internet, use the D2L learning management system, and use Microsoft Office tools (Word, Excel, PowerPoint).

### **Instructional Methods**

This course utilizes lectures, and assignments to assist students in achieving the course learning outcomes.

### **Student Responsibilities or Tips for Success in the Course**

Students should attend the lectures and deliver the assignments on time.

## **GRADING**

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Weights of the assessments in the calculation of the final letter grade.

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Assessment Type	Score	Weight
Homework	100	25%
Mid-term Exam	100	25%
Final Project and Report	100	25%
Final Exam	100	25%
Total	400	100%

### Assessments

The assessment criteria for the stated student learning outcomes will include homework assignments, a term project, a midterm exam, and a final exam.

## TECHNOLOGY REQUIREMENTS

### LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

## ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or [helpdesk@tamuc.edu](mailto:helpdesk@tamuc.edu).

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all coursework in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary

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use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

## **COMMUNICATION AND SUPPORT**

If you have any questions or are having difficulties with the course material, please contact your instructor.

### **Technical Support**

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

### **Interaction with Instructor Statement**

The instructor will respond to your questions on D2L tools within 24 hours. For urgent questions, and for questions that are not answered within 24 hours, please prefer e-mail correspondence.

## **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Course Specific Procedures/Policies**

1. One day late assignment is accepted with a 15% grade deduction; after this, no assignment will be accepted.
2. You will be expected to do all the readings throughout the semester.
3. Each exam will be given in class. Exams are closed books and notes (necessary formulas will be provided on a separate page). Students will need a scientific calculator for exams. Cell phones are not acceptable as a calculator. The use of unauthorized aids on exams will result in a grade of zero.
4. There will be one group project.
5. The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.
6. No make-up exams will be permitted unless official documentation for absences is provided (e.g., death in the family, illness).

*“Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.*

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*Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).*

*Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.*

*In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.*

13.99.99.R0.03 Undergraduate Academic Dishonesty

13.99.99.R0.10 Graduate Student Academic Dishonesty"

### **Syllabus Change Policy**

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

## **University Specific Procedures**

### **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).  
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

### **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

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## **Academic Integrity**

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03 Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

## **Students with Disabilities-- ADA Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

### **Office of Student Disability Resources and Services**

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

## **Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

## **Campus Concealed Carry Statement**

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Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

## COURSE OUTLINE / CALENDAR

Week	Date	Topics	Homework
1	1/10	Course Introduction	
2	1/15	<b>No class (MLK, Jr. Day)</b>	
	1/17	Ch.1 – Construction financial management	
3	1/22	Ch. 2 – Construction accounting systems	
	1/24	Ch. 2 – Construction accounting systems	Homework 1
4	1/29	Ch.3 – Accounting transactions	
	1/31	Ch.3 – Accounting transactions	
5	2/5	Ch.4 – More construction accounting	Homework 2
	2/7	Ch.5 - Depreciation	
6	2/12	Ch.6 – Analysis of financial statements	
	2/14	Ch.6 – Analysis of financial statements	Homework 3
7	2/19	Ch.7 – Managing costs	
	2/21	Ch.7 – Managing costs	Homework 4

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8	2/26	Ch.8 – Determining labor burden	
	2/28	Ch.8 – Determining labor burden	Homework 5
9	3/4	Midterm Review	
	3/6	<b>Midterm Exam</b>	
10	3/11	<b>No class (Spring Break)</b>	
	3/13		
11	3/18	Ch.9 – Managing general overhead costs	
	3/20	Ch.9 – Managing general overhead costs	Homework 6
12	3/25	Ch.10 – Setting profit margins for bidding	
	3/27	Ch.11 – Profit center analysis	
13	4/01	Ch.11 – Profit center analysis	Homework 7
	4/03	Ch.12 – Cash flows for construction projects	
14	4/08	Ch.12 – Cash flows for construction projects	
	4/10	Ch.13 – Projecting income taxes	Homework 8
15	4/15	Ch.14 – Cash flows for construction companies	
	4/17	Ch.15 – Time value of money	Homework 9
16	4/22	Ch.16 – Financing a company's financial needs	
	4/24	Ch.17 – Tools for making financial decisions	Homework 10
17	4/29	Project Presentation	
	5/01	Final Review	Final Report
18	5/6-8	<b>Final Exam</b>	

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