

## CEE4100 Syllabus

Construction Engineering and Management, Section A, 3 credits

Fall 2026

### Instructor Information

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**Instructor: Dr. Iris Tien**

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### General Course Information

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#### Description

Fundamental concepts in planning, design, and construction of civil engineering projects. Introduction to project scheduling, cost estimating, controls, procurement, value engineering, quality assurance, and safety.

#### Course Learning Outcomes

Upon successful completion of this course, you should be able to:

- Understand the different parties involved in delivering a project, construction contract types, and methods of project delivery.
- Create construction project cost estimates.
- Understand the impacts of risk and productivity on construction projects.
- Create construction project schedules.

#### Required Course Materials

*None*

#### Grading Policy

- Homework assignments: 35%
- Participation: 5%
- Exam 1: 30%
- Exam 2: 30%

Final letter grades will be assigned according to the following scale: A: 90-100%, B: 80-89%, C: 70-79%, D: 60-69%, F: 0-59%.

## Description of Graded Components

- Homework assignments: Assignments will typically be given weekly.
- Participation: Participation in in-class exercises and activities.
- Exams: Two non-cumulative exams given during the semester and held during class. Exams will be closed book and closed notes, except for one 8.5x11 page, single-sided, of notes that is allowed for each exam.

## Course Policies

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### Attendance and/or Participation

Full participation in the in-class exercises and activities is expected and will contribute to your final grade.

### Academic Integrity

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. Review [Georgia Tech's Honor Code](#) and the student [Code of Conduct](#).

Any student suspected of cheating or plagiarism on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

### Core IMPACTS

[Core IMPACTS](#) is the University System of Georgia's General Education curriculum. If you are teaching a course that counts towards Core IMPACTS, you should include a syllabus statement about the Core area and associated [career competencies](#). [This resource](#) developed by the Center for Excellence in Teaching and Learning and Online Education at Georgia State University includes template syllabus statements for each of the Core IMPACTS areas that you may adapt for your course.

### Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, [contact the Office of Disability Services](#) (404-894-2563) as soon as possible to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

## **Student-Faculty Expectations Agreement**

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. [The Student-Faculty Expectations](#) articulate some basic expectations that you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.