



蘇州大學  
Soochow University

# ENG 415 Engineering Law

Fall 2023

**Course Credits:** 4

**Contact Hours:** 56 hours

**Instructor:** TBA

**Email:** TBA

## COURSE OBJECTIVES

---

Engineering Law is a specialized field of study that explores the legal aspects and regulations relevant to engineering practices. Students will gain a solid understanding of basic features of laws and practice related to contracts, agency, property and intellectual property, forms of business organizations, labour and workers' compensation, patents, copyrights and trademarks, utilities and regulatory, etc. Throughout the course, students will analyze case studies and real-world scenarios to develop critical thinking and problem-solving skills within a legal context.

Upon Completion of this Course, students will be able to:

1. Gain a comprehensive understanding of the legal system and its application to engineering practices.
2. Develop the ability to analyze and interpret legal documents and provisions commonly used in contract agreements for construction projects.
3. Acquire knowledge of the ethical responsibilities and professional obligations relevant to the business and construction sectors.
4. Be able to identify potential legal risks and liabilities in engineering projects, understand the principles of negligence and liability, and develop strategies to minimize and mitigate risks.
5. Understand the significance of professional registration and licensing requirements in the construction industry, including the importance of adhering to applicable regulations and standards.
6. Enhance critical thinking skills through the analysis of real-life case studies and scenarios involving legal issues in business and construction.



## PREREQUISITES

N/A

## GRADING

Grades will be determined by accumulating points, with 100 points being the maximum, as follows:

ITEM	POINTS
Assignments	20 Points
Tests	20 Points
Midterm	25 Points
Final Exam	35 Points
Total	100 Points

Late submissions will be graded at the end of the course. Grades will be assigned according to the following rule:

$A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F$ .

We reserve the right to make adjustments to the overall grading policy.

## COURSE MATERIALS

### **Required Texts:**

1. R.E. Laidlaw; C.R. Young, *Engineering Law*, 5th Edition, University of Toronto Press, 1958.
2. Jamie Darin Prenekert, *Business Law*, 18th Edition, McGraw-Hill Higher Education, 2022.

### **Recommended (Optional) Texts or Other Materials:**

None

## COURSE TOPICS

MODULE	TASKS
--------	-------



Module 1	<b>Topics:</b> Topic 1: Introduction to Engineering Law Topic 2: Professional Engineering Topic 3: Duties and Liabilities of the Engineer Topic 4: Contracts <b>Assessments:</b> Assignment#1
Module 2	<b>Topics:</b> Topic 5: Specifications Topic 6: Contracts for construction work Topic 7: Engineering Agreements Topic 8: Arbitration <b>Assessments:</b> Test#1
Module 3	<b>Topics:</b> Topic 9: Property & intellectual property Topic 10: Commercial paper and agency law Topic 11: Partnerships and corporation & Organization of Companies Topic 12: Labour Laws <b>Assessments:</b> Midterm
Module 4	<b>Topics:</b> Topic 13: Workmen's Compensation Topic 14: Patents and Inventions Topic 15: Trade Marks, Industrial Designs and Copyrights Topic 16: Boundaries and Surveys & Easements & Drainage <b>Assessments:</b> Assignment#2 Test#2
Module 5	<b>Topics:</b> Topic 17: Business Ethics, Corporate Social Responsibility Topic 18: Government Regulation of Business Topic 19: Public Utilities Topic 20: Crimes and Torts <b>Assessments:</b> Final Exam

## ATTENDANCE

---

1) Class attendance is required. Missing classes without permission will lead to decrease in overall grade.



Missing less than two classes: no penalty.

Missing more than two classes: 7% will be taken off from the overall grade.

If the instructor reports a student's frequent missing of class to the Soochow University Academic Administration Office, the student might get a written warning and might be prohibited from attending final exam.

2) Participants in this course are expected to arrive in class promptly and adequately prepared. The primary objective of this course is to critically engage with the readings and the subject matter. Therefore, course participants are expected to have completed the reading prior to class and prepare thoughtful reflections/commentaries to share with fellow colleagues.

## **LEARNING REQUIREMENTS**

- 1) Late assignments are not acceptable and are subjected to grade deductions.
- 2) Assignments submitted in the wrong format will be counted as not submitted.
- 3) Failure to submit or fulfill any required course component results in failure of the class.
- 4) Make-up for midterm and final exams only with valid excuses, as defined by the University.
- 5) In order to earn a Certificate of Completion, participants must thoughtfully complete all assignments by stated deadlines and earn an average quiz score of 50% or greater.

## **TECHNOLOGY POLICY**

The use of electronic devices in class is distracting, both for the user and for the rest of the class. Only non-programmable calculators can be used in the tests and exam. Any attempts to use cell phones and other electronic communication devices will be seemed as cheating. Laptops are discouraged, unless you use them for activities DIRECTLY related to the course (eg., note taking, reading course documents).

## **ACADEMIC INTEGRITY POLICY**

Soochow University highly values the academic integrity and aims to promote the academic fairness, honesty and responsibility. Any academic dishonesty behaviors



蘇州大學  
Soochow University

and any attempts to cheats and plagiarism will be reported to the university administration office. A written warning and the relevant penalties will be imposed. The record might be shown on the official university transcript.

## **DISABILITY ACCOMMODATION**

Soochow University is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at Soochow University. Students with disabilities who require accommodations for access to and/or participation in this course are welcome.

Note:

Please contact the University Administrative Office immediately if you have a learning disability, a medical issue, or any other type of problem that prevents professors from seeing you have learned the course material.