

Fall 2024

IE 447-451, 453: Legal Aspects of Engineering

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New Jersey Institute of Technology
IE 447 Legal Aspects in Engineering Syllabus
Fall 2024

Instructor: Abigail Avoryie, Esq.
Email: avoryie@njit.edu |
Office hours: By appointment

Text: Miller, Roger LeRoy: Business Law Today, The Essentials 11th Edition. South-Western Cengage Learning ISBN: 978-1305574793

Grades: Course Assignments & Participation 25%; Mid-term 20%, Term Paper 30%, Final 25%.
Assignments and due dates are posted on Canvas. *Course weights are subject to change.

Welcome to Legal Aspects in Engineering! The purpose of the course is to help students learn legal concepts relevant to the engineering field, such as: business formations, contract formation, negligence, professional liability, insurance and liability. **Please read this syllabus in its entirety as it contains important information about the course.**

This is a survey course; therefore we will be touching on a different topic each week. In order to be successful in the course, keep up with the weekly chapter reading, assignments, and forum posts when applicable. There will be a multiple-choice midterm, 10-page term paper and a multiple-choice final exam. More information is posted about the term paper below.

The NJIT Honor Code will be upheld and any violations of the Honor Code will be brought to the immediate attention of the Dean. The instructor may make modifications or deviate from the syllabus. Late assignments will receive a 10-point deduction; assignments later than one week will not be accepted without prior approval.

Date	Topic	Text Chapter(s)
9/3	Legal and Constitutional Foundations of Business, Courts and Alternative Dispute Resolution	1, 2
9/8	Torts and Intellectual Property Law	3, 4
9/15	Internet Law and Criminal Law	5,6
9/22	Term paper topic due, Business Ethics	7
9/29	Introduction to Contract Law	8,9,10
10/6	Agency Relationships	17
10/13	Employment Law	18
10/20	Midterm	

10/27	Term Paper Outlines due	
11/3	Business Formations	19
11/10	Corporations	20
11/17	Personal Property (writing center appointments due by 11/23)	23
11/24	Real Property	24
12/1	International Law	25
12/15	Final Exam Due	
12/18	Term Paper Due	

Term Paper Instructions

Note: The instructor must approve Term paper topics

Format: A ten-page term paper is due on **December 18, 2024**. The format for the term paper is double spaced, 12-point, Times New Roman font, with one-inch margins. Please number each page and include a cover page (not included in the page count).

Although this course will introduce you to several topics related to construction law, and provide a strong starting point for understanding this body of law, the topics covered are not exhaustive. It is very likely that at some point in your professional careers you will encounter a legal issue that will require you to further examine a topic we have studied in this course. Therefore, the intent of this exercise is to make sure you know how to do basic legal research. As you all know, in the real world you will still have to consult a licensed attorney, but through this exercise each of you will at least have a basic understanding of how to research areas in the law, what your attorney is talking about during a consultation and why her services are so expensive!

Topic: Choose a topic that you have or will likely encounter at work as a project manager, engineer or design professional. Using basic legal research tools, identify and explain the legal issue. Next, explain the specific “law” or legal concepts that apply, how courts generally rule in these types of cases and finally what steps can have be taken to avoid this legal issue in the future.

Write your term paper from the point of view of an employee explaining to senior management how to alter, or how to include specific practices to avoid legal complications or for additional legal protection. Term papers should be full of analysis, and include your viewpoints and understanding of how to resolve or improve the situation. Be sure to include personal analysis in your term paper. I am very interested to see how *you* analyze the legal situation based on the research you have found.

Requirements: All students must submit their term paper to the NJIT Writing Center prior to **November 10th**. The writing center will review your draft term paper or outline. Writing center appointments fill up fast – so be sure to book ahead. Failure to meet with a wiring center tutor, will have a detrimental effect on your grade and is a requirement for the term paper.

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Term papers must include a complete list of sources. Plagiarism or the use of AI writing assistants will result in a failing grade. Quotes taken directly from a source must have quotation marks and appropriate citations. Please cite all sources with footnotes or parenthetical citations. You can use any citation format, as long as it is consistent.

Remember if you include a concept that you did not know before researching this term paper, you must attribute the source, even if you do not use a direct quote. Omission of sources is plagiarism. I will provide additional information on how to conduct legal research. If you have questions on how to properly cite research, discuss this during your writing center appointment. If you have made it this far reading the syllabus, well done. The first five students to send me an email with the subject “the password is swordfish” will get a pass that they can use to get an “A” on one homework assignment of their choice. In addition students must also include their full name, class name and class section in the email to be get the free pass. All info must be included.

You will be graded on the thoroughness of your research, clarity and your ability to apply your legal research to the specific facts of your “case.” Your personal analysis of the situation is key to a superior grade.

Please let me know if you have questions about the term paper. I’m very happy to have you in this class.

