

New Jersey Institute of Technology  
IE 447 Legal Aspects in Engineering Syllabus  
Spring 2025

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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.

*“Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: [NJIT Academic Integrity Code](#).*

*Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. Any student found in violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at [dos@njit.edu](mailto:dos@njit.edu)”*

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)
Wk 1: 1/21	Legal and Constitutional Foundations of Business, Courts and Alternative Dispute Resolution	1, 2

Wk 2: 1/28	Torts and Intellectual Property Law	3, 4
Wk 3: 2/4	Internet Law and Criminal Law	5,6
<b>Wk 4: 2/11</b>	<b>Term paper topic due, Business Ethics</b>	<b>7</b>
Wk 5: 2/18	Introduction to Contract Law	8,9,10
Wk 6: 2/25	Agency Relationships	17
Wk 7: 3/4	Employment Law	18
<b>Wk 8: 3/11</b>	<b>Midterm</b>	
<b>Wk 9: 3/18</b>	<b>Term Paper Outlines due</b>	
Wk 10: 3/25	Business Formations	19
Wk 11: 4/1	Corporations	20
Wk 12: 4/8	Personal Property (writing center appointments due )	23
Wk 13: 4/15	Real Property	24
Wk 14: 4/22	International Law	25
<b>5/6</b>	<b>Term Paper Due</b>	
<b>5/13</b>	<b>Final Exam Due</b>	

## Term Paper Instructions

**Note: The instructor must approve Term paper topics**

**Format:** A 10 page term paper is due on **May 13**. 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 **April 8th**. 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. 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.

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!