



UNIVERSITY OF WESTERN ONTARIO - FACULTY OF
ENGINEERING

ELI 9100L - INTELLECTUAL PROPERTY FOR ENGINEERS
COURSE OUTLINE (Summer 2022)

OBJECTIVES

Intellectual property is important as intangible assets replace traditional capital expenditures in modern information-based economies. Whether dealing with issues such as the patentability of software or how digital locks control copyrighted materials, engineers today must be aware of how their careers will be impacted by this changing landscape. This course is designed to provide engineers with a comprehensive overview of intellectual property law, including a deep understanding of the core areas of copyright, trademark, and patent law. Other intellectual property issues will also be discussed with a particular focus on how the ongoing interaction between law and technology will change daily life for engineers.

INSTRUCTORS

Liz Afolabi lizafolabi@protonmail.com

David Morrison dmorrison@bereskinparr.com

COURSE SCHEDULE

Wednesdays: 9:00 am to 12:00 pm, May 4, 2022 – July 14, 2022.

Module exams tentatively scheduled during class time for May 25, 2022, June 22, 2022 and July 13, 2022.

MODULE 1: Introduction to Patents, Design Patents and Related Forms of Intellectual Property

Instructor: David Morrison dmorrison@bereskinparr.com

Module 1 Topics:

1. Introduction to Canadian Law
2. Patent Law
 - a. Introduction to Patents
 - b. Anatomy of a Patent
 - c. Inventorship, Ownership, Duration & Assignment
 - d. Patent Prosecution
 - e. Novelty
 - f. Obviousness
 - g. Utility

- h. Patentable Subject Matter
 - i. Patent infringement
 - j. Patent validity and Other Defences to Infringement
3. Industrial Designs and Design Patents
4. Confidential Information
5. Other Forms of Intellectual Property

Grading for Module 1:

- 30% Module 1 Exam: May 25, 2022

MODULE 2: Introduction to Trademark and Copyright Law

Instructor: Liz Afolabi lafolabi@bereskinparr.com

Module 2 Topics:

1. Trademark Law
 - a. Introduction
 - b. Trademark Selection
 - c. Application Process
 - d. Trademark Use
 - e. International Filings
 - f. How to Police Your Rights
2. Copyright Law
 - a. Introduction
 - b. Types of Works
 - c. Copyright Elements
 - d. Types of Rights
 - e. Moral Rights
 - f. Duration
 - g. Ownership

Grading for Module 2:

- 30% Module 2 Exam: June 22, 2022

MODULE 3: Advanced Intellectual Property Issues

Instructors: Liz Afolabi and David Morrison

Module 3 Topics:

1. Advanced Trademark Law
 - a. Oppositions
 - b. Expungement
 - c. Court Actions
 - d. Domain Names
2. Advanced Copyright Law
 - a. Infringement

- b. Exceptions to Infringement
3. International Issues in Intellectual Property
 - a. International trade agreements
 - b. International patent filing strategies
4. Intellectual Property Strategy
5. Case Studies

Grading for Module 3

- 40% Module 3 Exam: July 13, 2022.

EVALUATION

To pass the course, a student must obtain an overall grade of 60% or higher. The weight for each component is shown below:

- 30% Module 1 Examination
- 30% Module 2 Examination
- 40% Module 3 Examination

REFERENCE MATERIALS

References will be made to various resources, statutes and treaties, such as the *Copyright Act*, the *Patent Act*, and the *Trademarks Act*, as well various other articles, most of which should be available free online. Specific materials and/or links to specific materials will be provided where applicable.

SCHOLASTIC OFFENCES

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site:

http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_grad.pdf

GRADING POLICY

In accordance with the policy of the University, the grade assigned to all written and oral work presented in English shall take into account syntax, diction, grammar and spelling. In addition, in the professional life of an engineer, the manner in which oral and written communications are presented is extremely important. To encourage the student to do so, the grades assigned to all written and oral work will take into account all aspects of presentation including conciseness, organization, neatness, use of headings, and the preparation and use of tables and figures. All work will be marked first for content after which a penalty not to exceed a maximum of 5% in each component may be applied for lack of proficiency in English and/or presentation.

POLICY ON REPEATING ALL COMPONENTS OF THE COURSE

Students who are required to repeat an Engineering course must repeat all components of the course. No special permissions will be granted enabling a student to retain laboratory, assignment, or test marks from previous years. Previously completed assignments and laboratories cannot be resubmitted for grading by the student in subsequent years.

PLAGIARISM

University policy states that plagiarism, defined as the “act or an instance of copying or stealing another’s words or ideas and attributing them as one’s own.” (excerpted from Black’s Law Dictionary, West Group, 1999, 7th ed., p. 1170) is a scholastic offence. In submitting any written work as part of the coursework requirements for this course, students must ensure that this work is written in their own words. Whenever students take an idea or a passage of text from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations.

All required papers may be subject to submission for textual similarity review to the commercial plagiarism-detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

ATTENDANCE

Any student who, in the opinion of the instructor, is absent too frequently from class, laboratory, or tutorial periods will be reported to the Dean (after due warning has been given). On the recommendation of the Department concerned, and with the permission of the Dean, the student will be debarred from taking the regular final examination in the course.

ACCESSIBILITY

Please contact the course instructor if you require material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 x 82147 for any specific question regarding an accommodation.

CONDUCT

Students are expected to arrive at lectures on time, and to conduct themselves during class in a professional and respectful manner that is not disruptive to others. Late comers

may be asked to wait outside the classroom until being invited in by the Instructor. Please turn off your cell phone before coming to a class, tutorial, quiz or exam.

On the premises of the University or at a University-sponsored program, students must abide by the Student Code of Conduct: <http://www.uwo.ca/univsec/board/code.pdf>.

SICKNESS AND OTHER PROBLEMS

Students should immediately consult with the Instructor or Department Chair if they have any problems that could affect their performance in the course. Where appropriate, the problems should be documented (see attached). The student should seek advice from the Instructor or Department Chair regarding how best to deal with the problem. Failure to notify the Instructor or Department Chair immediately (or as soon as possible thereafter) will have a negative effect on any appeal.

For more information concerning medical accommodations, please see: http://www.uwo.ca/univsec/handbook/appeals/accommodation_medical.pdf.

NOTICE

Students are responsible for regularly checking their email, and the course OWL site for new notices related to the course.