

## **Carleton University**

### **Department of Electronics**

**ECOR 1055 - Introduction to Engineering Disciplines I – Fall 2024**

**Section I / L: Electrical Engineering / Engineering Physics Course Outline**

#### **Instructor:**

Dr. Leonard MacEachern, leonard.maceachern@carleton.ca

When emailing please put "ECOR1055" in your subject line.

#### **Course Objectives and Learning Outcomes**

Students will attend seminars given by professionals and faculty members in different technical areas within the Engineering discipline, which will provide some insight into the type of work and career opportunities possible. By the end of this class, students should understand the scope and impact of their chosen Engineering discipline and be able to distinguish between different specialties within their field of study.

#### **Calendar Description**

Overview of professional activities oriented to the student's discipline of study:

Architectural Conservation and Sustainability, Civil and Environmental, Aerospace and Mechanical, Electrical, Engineering Physics, Computer systems/network, Communications and Software, Biomedical (Electrical and Mechanical), Sustainable and Renewable Energy.

#### **Lecture Time:**

We will strive to hold all seminars in-person; however, situations may arise requiring online or recorded seminars. Students will be notified as early as possible if a seminar is moved online.

Most seminars for section I and section L will be held together in 5050MC. ME4494 is reserved in case the groups need to be separated for any session; however, it will not usually be used. Engineering Physics students will be notified as early as possible if any seminar is scheduled in ME4774.

#### **Prerequisite(s)**

This course may not be taken concurrently with ESLA 1300 or ESLA 1500.

#### **Evaluation and Grading Scheme**

This course is graded SAT/UNS and all students are expected to attend all sessions. In order to receive a SAT grade in the course, a student must receive credit for attending 10 of the 12 lecture sessions.

## Textbooks (or other resources)

No textbook is required for this course.

Note that in the Winter term, students are required to take ECOR 1056, an online course which includes selected videos recorded from the seminars scheduled in ECOR 1055 this Fall. Students will have the opportunity to learn about the programs from the other departments.

## General Regulations

**Attendance:** Students are expected to attend all lectures. The University requires students to have a conflict-free timetable. For more information, see the current Undergraduate Calendar, Academic Regulations of the University, Section 1.2, Course Selection and Registration, and Section 1.5, Deregistration.

**Appeal of Grades:** The processes for dealing with questions or concerns regarding grades assigned during the term and final grades are described in the Undergraduate Calendar, Academic Regulations of the University, Section 2.7, Informal Appeal of Grade, and Section 2.8, Formal Appeal of Grade.

**Academic Integrity:** Students should be aware of their obligations with regards to academic integrity. Please review the information about academic integrity at:

<https://carleton.ca/registrar/academic-integrity/>. This site also contains a link to the complete Academic Integrity Policy that was approved by the University's Senate.

**Plagiarism:** Plagiarism (copying and handing in for credit someone else's work) is a serious instructional offense that will not be tolerated.

## Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. You can visit the Equity Services website to view the policies and to obtain more detailed information on academic accommodation at <http://www.carleton.ca/equity/> For an accommodation request, the processes are as follows:

- Pregnancy or Religious obligation: Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist.
- Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities, psychiatric/mental health disabilities, ADHD, Autism Spectrum Disorders, chronic medical conditions, and impairments in mobility, hearing, and vision. Contact PMC at 613-520-6608 or [pmc@carleton.ca](mailto:pmc@carleton.ca) for a formal evaluation. If you are already registered with PMC, contact your coordinator to send your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). Requests made within two weeks will be reviewed on a case-by-case basis. After requesting accommodation from PMC, meet with me to ensure

accommodation arrangements are made. Please consult the PMC website ([www.carleton.ca/pmc](http://www.carleton.ca/pmc)) for the deadline to request accommodations for the formally-scheduled exam (if applicable).

- Survivors of Sexual Violence: Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and where survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: <https://carleton.ca/sexual-violence-support/>.

- Accommodation for Student Activities: Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, see <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

### **Copyright on Course Materials**

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