

Carleton University
Department of Civil & Environmental Engineering
ECOR1055
Introduction to Engineering Disciplines I
2021
Syllabus and Course Objectives

Course Instructor

Professor Adam Weiss, PhD Room 3044 Minto Centre
Email: adam.weiss3@carleton.ca

Course Objectives and Learning Outcomes

The primary objective of the course is to expose students to different aspects of the Civil Engineering program including Structural Engineering, Transportation Engineering, Geotechnical Engineering, Infrastructure Protection and International Security, and Fire Safety. The secondary objective of the course is to provide students with an overview of the other two programs offered in the Department of Civil and Environmental Engineering: the Environmental Engineering program and the Architectural Conservation and Sustainability program. In each lecture, an expert from academia or industry will be invited to present professional activities involved in one of the above-mentioned programs. A tentative schedule of course speakers is forthcoming.

Upon successful completion of this course, students will:

- Acquire a general knowledge on different programs offered at the Department of Civil and Environmental Engineering with the focus being on the Civil Engineering program.
- Learn how their undergraduate studies can help them to become a skilled and qualified engineer and introduce them to post degree career paths in either graduate studies or a career in industry.
- Become familiar with career opportunities available in different disciplines of the Civil Engineering program.
- Explore the experiences of engineers who are well-established in their field and learn about the qualities of a good engineer.

Evaluation and Grading Scheme

This course is graded SAT/UNS (Satisfactory/Unsatisfactory). In order to be given a SAT grade in the course, you must attend at least 10 of the 12 sessions and provide a short (between 100 and 200 word) reflection on what was discussed. The lectures will be held online through Zoom on Thursdays from 8:30 to 10:00 AM. The Zoom link will be sent to students by email the day before the lecture. If you cannot attend the live lectures because of the time zone difference, you need to inform the instructor at the beginning of the course.

ECOR 1056 Course: Upon successful completion of ECOR 1055, students are required to take ECOR 1056 in the Winter semester. ECOR 1056 is an online course which includes selected videos recorded from the seminars presented in ECOR 1055. This course will give students the opportunity to learn about the programs from the other departments.

General Regulations

1. 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.
2. 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 website also contains a link to the complete Academic Integrity Policy that was approved by the University's Senate.
3. Plagiarism: Plagiarism (copying and handing in for credit someone else's work) is a serious instructional offense that will not be tolerated.

Accommodations

“The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, attention deficit hyperactivity disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me 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) for the deadline to request accommodations for the formally-scheduled exam (if applicable).”

Short URL: <https://carleton.ca/pmc/?p=492>

Other Academic Accommodation

Pregnancy obligation: write to me 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 visit the Equity Services website <http://www2.carleton.ca/equity/accommodation/>

Religious obligation: write to me 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 visit the Equity Services website

<http://www2.carleton.ca/equity/accommodation/>

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