THE UNIVERSITY OF BRITISH COLUMBIA

Department of Mechanical Engineering
University of British Columbia
2054 - 6250 Applied Science Lane
Vancouver, BC Canada V6T 1Z4

Phone 604 822 2781
Fax 604 822 2403
www.mech.ubc.ca

MECH 598/698 004/104/204: Research Seminar, Energy & Environment Division

University of British Columbia

Department of Mechanical Engineering

Course Instructor:

Dr. Naomi Zimmerman, Ph.D., P.Eng. (604-822-9433, nzimmerman@mech.ubc.ca, CEME 2066, office hours by appointment)

Course Requirements/Prerequisites:

None. Note: This course is for students supervised by faculty members in the MECH Energy & Environment stream. See: https://mech.ubc.ca/research-main/energy-environment/

Class Meeting Time and Location:

- **Term 1:** Monday 12-1PM @ FSC 1611
- **Term 2:** Monday 11AM-12PM @ ORCH 3074

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the xwməθkwəy̓əm (Musqueam) people.

Course Structure

Each week, 1 student will deliver a 35-40 minute presentation, followed by 10-15 minute Q&A period from the audience. The presenting students will submit an abstract in advance, and receive a peer evaluation from one student in the course.

Learning Outcomes or Objectives:

Effective communication of research ideas, progress, and results to both laypeople and experts is a crucial aspect of an engineering career. By the conclusion of this course, students will exhibit the proficiency to compose and deliver polished professional presentations.

Course Schedule and Topics

Each week, 1 student will present. We will establish the schedule at the beginning of each semester collaboratively in discussion with the research supervisors. We recommend that students who will be presenting their research at conferences or for defenses or qualifying exams use the seminar as an opportunity to practice their presentations.

Course Requirements

- Attendance is mandatory, regardless if students have completed their presentation and feedback requirement
- MASc students (MECH 598) need to give one presentation only (in their second year)
- PhD students (MECH 698) need to give a minimum of two presentations
- MASc and PhD students both need to complete at least 2 peer feedbacks
- Registration is required throughout the degree program; credit is given only once upon program completion

Assessment, Evaluation, and Grading

MECH 598 / 698 is a credit / no-credit course. To receive credit for MECH 598 / 698 you must complete the course requirements outlined in the previous section over the duration of your program enrollment. While we take effort to keep track of these assignments, the instructor for MECH 598 / 698 periodically changes; you are expected to individually keep track of your progress towards course deliverables.

A passing grade is 68% for doctoral students and 60% for master's students; as such to receive credit for MECH 598 / 698 your presentation and feedback scores must exceed this threshold.

Concession Requests

Under special circumstances (e.g., conflicting responsibilities, medical circumstances, compassionate grounds), students may request absence from attending the seminar or delay their scheduled presentation time. This will need to be consulted with the research supervisor and approved by the course instructor.

Academic Misconduct

Academic honesty is a fundamental requirement of your studies. It is the obligation of all students to inform themselves of the applicable standards for academic integrity. Students must be aware that standards at UBC may be different from those in secondary schools or at other institutions. Breaching those expectations or failing to follow the applicable policies, regulations, rules, or guidelines with respect to academic integrity constitutes academic misconduct and may have serious consequences. More information about UBC's policy on academic misconduct is available at http://calendar.ubc.ca/vancouver/index.cfm?tree=3,54,111,0].

Respectful and Inclusive Environment

The University of British Columbia envisions a climate in which students, faculty and staff are provided with the best possible conditions for learning, researching and working, including an environment that is dedicated to excellence, equity and mutual respect. The University of British Columbia strives to realize this vision by establishing employment and educational practices that respect the dignity of individuals and make it possible for everyone to live, work, and study in a positive and supportive environment, free from harmful behaviours such as bullying and harassment.

The Department of Mechanical Engineering is committed to providing a respectful and inclusive learning experience, and affirms the UBC Statement on Respectful Environment (https://www.hr.ubc.ca/respectful-environment/files/UBC-Statement-on-Respectful-Environment-2014.pdf). Students are encouraged to contact

their instructor should situations arise that are not consistent with this expectation. Students are also invited to advise the instructor if they wish to be addressed by or referred to with particular pronouns.

Students are expected to conduct themselves professionally and ethically. It is the obligation of all students to inform themselves of the applicable standards for appropriate conduct as a student and UBC community member. More information is available at: https://vancouver.calendar.ubc.ca/campus-wide-policies-and-regulations/student-conduct-and-discipline/discipline-non-academic-misconduct-student-code-conduct.
Students who have concerns about non-academic misconduct can contact the department by emailing concerns@mech.ubc.ca or speak to any Mechanical Engineering faculty member or staff member.

Policies and Resources to Support Student Success

UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access including those for survivors of sexual violence. UBC values respect for the person and ideas of all members of the academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious, spiritual and cultural observances. UBC values academic honesty and students are expected to acknowledge the ideas generated by others and to uphold the highest academic standards in all of their actions. Details of the policies and how to access support are available here.

Mechanical Engineering has a Student Services Office (students@mech.ubc.ca), located in CEME 2054, where there are staff who can provide support, academic advising, and refer students to appropriate resources. They are open Monday-Friday, 8:00am-4:00pm.