BME/ECE/SENG 499 – Design Project II
Term – Summer 2019 (201905)

Instructors	**Office Hours**
Dr. Xiaodai Dong	Days: By appointment
Phone: 250 721 6029	Time: By appointment
Email: xdong@ece.uvic.ca	Location: EOW 439
Dr. T. Ilamparithi	Days: By appointment
Phone: 250 721 8679	Time: By appointment
E-mail: ilampari@uvic.ca	Location: EOW 407

Course Objectives

The Design Project course provides you an opportunity to acquire formal design experience by working on a project in a team. You and your team mates will select and execute a project approved and supervised by a faculty member. You will also a get an opportunity to demonstrate your work to general public towards the end of the term.

Intended Learning Outcomes

By the end of the course, you should be able to

- Formulate a problem definition and design objectives for a design activity based on the requirements and constraints imposed by the client/stakeholder.
- Plan project timelines with milestone dates and activities.
- Generate and evaluate conceptual design ideas by performing a detailed literature review.
- Explain the social implications of the proposed engineering work.
- Apply appropriate mathematical methods for the analysis of the engineering design.
- Participate effectively in teamwork during engineering design.
- Produce a functional prototype or perform extensive simulation of the design.
- Test, evaluate and document the performance of the prototype.
- Prepare professional reports detailing the design activity.
- Create a webpage to publicize the design activity.

Syllabus

 N/A

A-Section(s):

BME 499 A01 / CRN 30057	TA: Sai Prakash Reddy Konda
ECE 499 A01 / CRN 30311	TA Email: reddyprakash092@gmail.com
SENG 499 A01 / CRN 30764	

Days: Thursdays
Time: 4:30 to 5:20 PM
Location: Engineering Computer Science (ECS) 123

Required Text

N/A

Assessment:

Progress Report	25%	Due: June 20, 2019 by 5 PM
Public Demonstration	05%	Date: To be announced
Work log	05%	Due: Aug 1, 2019 by 5 PM
Webpage	15%	Due: Aug 1, 2019 by 5 PM
Project Report	50%	Due: Aug 1, 2019 by 5 PM

Note:

Failure to complete any assessment will result in a grade of N being awarded for the course.

The final grade obtained from the above marking scheme for the purpose of GPA calculation will be based on the percentage-to-grade point conversion table as listed in the current Undergraduate Calendar.

https://web.uvic.ca/calendar2019-05/undergrad/info/regulations/grading.html

There will be no supplemental examination for this course.

Note to students: Students who have issues with the conduct of the course should discuss them with the instructor first. If these discussions do not resolve the issue, then students should feel free to contact the Chair of the Department by email or the Chair's Assistant to set up an appointment.

Accommodation of Religious Observance:
https://web.uvic.ca/calendar2019-05/undergrad/info/regulations/religious-observanc.html

Policy on Inclusivity and Diversity:
https://web.uvic.ca/calendar2019-05/general/policies.html

Standards of Professional Behaviour: You are advised to read the Faculty of Engineering document Standards for Professional Behaviour, which contains important information regarding conduct in courses, labs, and in the general use of facilities.
https://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf

Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. You should consult the entry in the current Undergraduate Calendar for the UVic policy on academic integrity.
https://web.uvic.ca/calendar2019-05/undergrad/info/regulations/academic-integrity.html

Equality: This course aims to provide equal opportunities and access for all students to enjoy the benefits and privileges of the class and its curriculum and to meet the syllabus requirements. Reasonable and appropriate accommodation will be made available to students with documented disabilities (physical, mental, learning) in order to give them the opportunity to successfully meet the essential requirements of the course. The accommodation will not alter academic standards or learning outcomes, although the student may be allowed to demonstrate knowledge and skills in a different way. It is not necessary for you to reveal your disability and/or confidential medical information to the course instructor. If you believe that you may require accommodation, the course instructor can provide you with information about confidential resources on campus that can assist you in arranging for appropriate accommodation.

Alternatively, you may want to contact the Centre for Accessible Learning located in the Campus Services Building.

The University of Victoria is committed to promoting, providing, and protecting a positive, and supportive and safe learning and working environment for all its members.

Course Lecture Notes: Unless otherwise noted, all course materials supplied to students in this course have been prepared by the instructor and are intended for use in this course only. These materials are NOT to be re-circulated digitally, whether by email or by uploading or copying to websites, or to others not enrolled in this course. Violation of this policy may in some cases constitute a breach of academic integrity as defined in the UVic Calendar.

Sexualized Violence Prevention and Response at UVic
UVic takes sexualized violence seriously, and has raised the bar for what is considered acceptable behaviour. We encourage students to learn more about how the university defines sexualized violence and its overall approach by visiting www.uvic.ca/svp. If you or someone you know has been impacted by sexualized violence and needs information, advice, and/or support please contact the sexualized violence resource office in Equity and Human Rights (EQHR). Whether or not you have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:
        Where: Sexualized violence resource office in EQHR; Sedgewick C119
        Phone: 250.721.8021
        Email: svpcoordinator@uvic.ca
        Web: www.uvic.ca/svp