

**Electrical & Computer Engineering Department
Sexton Campus, Dalhousie University**

ECED 4901 - SYP Part II

CLASS INFORMATION

2013/2014 Winter

Coordinator: Yuan Ma (Yuan.Ma@dal.ca, Office: C314)

Course Website: mems.ece.dal.ca/syp.php



Course Outcomes:

- Continue work on the project through its various design stages;
- Study, design, and solve design problems;
- Perform laboratory or field experiments, and demonstrate your work;
- Use and apply appropriate engineering analysis and tools;
- Work individually and collaborate within a team environment;
- Communicate effectively in both written and oral form.

Course Evaluation:	SYP Final Mark
Attending seminars:	10%
Seminar presentation:	20%
Log book:	10%
Final report:	20%
Final presentation:	40%

Note: The SYP Coordinator reserves the right to give individual mark for each member in a group.

ECED 4901 - Senior Year Project II (Winter 2013/2014)

List of Seminars and Due Dates

Class Time: Wednesdays, 13:35 – 14:25pm

Date	Topics	Group / Information	Location
8-Jan	Course introduction		B308
15-Jan 22-Jan	Group discussions		
29-Jan	Group presentation I	Group 1-2	B308
5-Feb 12-Feb 26-Feb	Group discussions		
5-Mar	Group presentation II	Group 3-4	B308
12-Mar	Group discussion		
19-Mar	Group presentation III	Group 5-6	B308
26-Mar	Group discussion		
4-Apr	Log Book and Final Report Due	Log book signed by internal supervisor; Final report submitted to both internal and external supervisors; a PDF copy to the department	Dept. Office
23-Apr* (tentative)	Final Presentation	Group 1-6	TBD

P#	Sponsoring Organization	Title of Project	Students	External Supervisor	Internal Supervisor
1	Visimetrics Inc.	Wiper	Lydia Mogosumova Adibah Husin Shuxian Liu	Peter H. Gregson (peter.gregson@dal.ca)	Jose Gonzalez-Cueto (jose.gonzalez-cueto@dal.ca)
2	Visimetrics Inc.	Sailing Instruments	Steven Kelly Keith Pineo Rebecca Bohne	Peter H. Gregson (peter.gregson@dal.ca)	
3	Dalhousie Supermilage Team	Custom Dash Display and Data logger for Supermileage car	Alexander Parker Siyue Liu	Piotr Kawalec (Piotr.Kawalec@dal.ca)	Tim Little (timothy.little@dal.ca)
4	Nova Scotia Power	Operating Plant Risk Profiling	Harmanveer Cheema Manpreet Sidhu Shoaib Qabil	Rob MacNeil (robert.macneil@nspower.ca)	Hamed Aly (Hamed.Aly@dal.ca)
5	Nova Scotia Power	Condition based maintenance prediction	Steven Bagnald J.Sebastien Kirouac	Rob MacNeil (robert.macneil@nspower.ca)	Dr El-Hawary (ElHawary@Dal.Ca)
6	Hanada Rehabilitation Inc.	Innovative method for prosthesis socket construction in persons with limb amputations	Ted Benstead Raquel Keeble	Dr. Ed Hanada (edwin.hanada@cdha.nshealth.ca)	Jeremy Brown (j.brown@dal.ca)