Course Instructor                  Prof. Kalaichelvi Saravanamuttu
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Course Web Page                  Avenue to Learn
Lectures                        Monday, Thursday 12:30 to 13:20 pm; Tuesday 13:30 to 14:20; ABB 270
Office hours                    Monday, 13:30 to 14:30 or by appointment; ABB 263A

Recommended Course Materials

Required specific reading material for Modules 1-4 (M1-M4) of the course will be detailed separately on
Avenue to Learn site (see below).

Course content and structure

M1: Light responsive materials and polymers
M2: Self-healing polymers, supramolecular systems and shape-memory systems
M3: Stimuli-responsive surfaces, interfaces and polymer brushes
M4: Stimuli-responsiveness at the micro- and nanoscales

Week 1 (5 Jan): Course information and introductions; no lecture

Week 2 (9-13 Jan): M1
Week 3 (16-20 Jan): M1
Week 4 (23-27 Jan): M1; Guest lecture (23 Jan); Quiz 1 (24 Jan); M2

Week 5 (30 Jan – 3 Feb): M2
Week 6 (6 – 10 Feb): M2; Guest lecture (7 Feb)
Week 7 (13 – 17 Feb): Quiz 2 (13 Feb); M3

Week 8 (27 Feb – 3 Mar): M3
Week 9 (6 – 10 Mar): M3; Quiz 3 (9 Mar)

Week 10 (13 Mar – 17 Mar): M4
Week 11 (20 Mar – 24 Mar): M4; Quiz 4 (23 Mar)

Week 12 (27 Mar – 31 Mar): Final class presentations
Week 13 (3 April – 6 Apr): Final class presentations
Evaluation

Reading materials for each module will be posted in advance on Avenue to Learn. Details including a marking rubric for class presentations, presentation partners and procedure to select presentation topics will be available on Avenue to Learn in Week 2.

The final grade for the course will be calculated as shown below. Equal weighting is given to each of the four quizzes. There is no final exam. Students have the option of disregarding one quiz and assigning a weight of 26.7% to the remaining three, should this improve the final mark in the course. All four quizzes must be completed. Participation in class includes asking and answering questions regarding the assigned reading materials.

| Quiz 1, Quiz 2, Quiz 3, Quiz 4 | 80 %  
<table>
<thead>
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<tbody>
<tr>
<td>Presentation</td>
<td>15 %</td>
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<tr>
<td>Participation in class</td>
<td>5 %</td>
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Course Changes. The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

Copyright. In this course you will have access to material that is subject to copyright laws. This includes (but is not limited to) the textbook and all resources developed by the instructor. You are not allowed under any circumstance to share or redistribute these materials in any printed or electronic form without the explicit written consent of the copyright holder (publisher, instructor, etc.). This includes posting any course material on Internet bulletin boards, course repositories, social networks, etc.

Academic Dishonesty

“Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notification reads: “Grade of F assigned for academic dishonesty”), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at http://www.mcmaster.ca/senate/academic/ac_integrity.htm

The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g. the submission of work that is not one’s own or for which other credit has been obtained. Transcribing passages from other sources in assignments is an example.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

All submitted work is subject to normal verification that standards of academic integrity have been upheld (e.g., Google search, etc.).

Approved by McMaster University Senate: May 12, 2003
Revisions approved by McMaster University Senate: April 13, 2005