

**ENGG 3170 – BIOMATERIALS
2010 COURSE OUTLINE****Instructor Information**

Professor: John Runciman, Rm 1344 THRN, Telephone: (519) 824-4120 ext. 53072,
Email: jruncima@uoguelph.ca

Laboratory Coordinator: Mary Leunissen, Rm 227 THRN, Telephone: (519) 824-4120
ext. 56141, Email: mleuniss@uoguelph.ca

Teaching Assistant: Joanna Weber

Website: Through University of Guelph CourseLink.

Course Description and Scheduling

Lecture Times: M, W, F, 10:30-11:20, MACK 316

Lab Times: T&Th, 2:30-4:00, THRN 2193

Text: There is not an assigned textbook associated with this course. I will be using the University of Guelph CourseLink to communicate with the class. You will automatically gain access to the course web page when you register for the course, simply use your normal username and password that you would use for email access. Lecture notes will be posted on CourseLink before each lecture and you will be expected to bring these notes to class. The notes are not complete on their own, and it is still highly encouraged that you attend lectures to receive the full course notes.

Recommended Texts for reference (Available on reserve at the University of Guelph Library):

Biomaterials Science – An Introduction to Materials in Medicine – Buddy Ratner, Alan Hoffman, F. Schoen and J. Lemons,
Elsevier Academic Press, CA, 1996 (1st edition), and 2004 (2nd edition).

Marking Assignments

Marks will be assigned based on experimental labs (weighted at 20%), three assignments (10%), one group project (10%), and a combination of the midterm and final (60%). The midterm will be weighted at 20% and the final at 40% of your final grade. In the event that a student wishes their final exam to be worth the full 60% of the grade (*i.e.* missed or failed midterm exam), this will be considered under personal consultation with the instructor. Laboratory reports will be due the following Friday after completing the lab, and assignments will be due the following Friday after they are handed out – late submissions will not be accepted.

Laboratory Experiments

Lab groups will be pre-assigned.

Lab experiments will begin in early October. Please check the University of Guelph CourseLink for lab group and scheduling details.