Faculty: Suresh Neethirajan, PhD., P.Eng., CIM
   Assistant Professor
   Office: Thornbrough Building, Room 2340
   E-mail: s.neethi@uoguelph.ca
   Web: www.bionanolab.ca
   Office Hours: By appointment

Textbook:
Medical Instrumentation: Application and Design. Editor: John G. Webster

Schedule:
   Lectures: THRN 1004
   Mondays: 9:00 Am to 12:00 pm
   Fridays: 9:00 Am to 12:00 pm

Course Description:

This course will involve selected readings and analyses in developing knowledge areas applicable to your graduate thesis.

Learning Objectives:
   • To develop the ability to apply knowledge of science and mathematics to solve problems at the interface of biology and engineering
   • to understand the principles of instrumentation used to measure factors that characterize biological, physical or chemical factors that have a profound effect of biosystems

Graduate Attributes:
   • Ability to engage in independent and reflective learning, addressed by the projects and presentation
   • Effective communication through presentation and project reports
   • Analytical and critical thinking skills

Grade Evaluation:

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<thead>
<tr>
<th>Grade (%)</th>
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<tbody>
<tr>
<td>Report 1</td>
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<tr>
<td>Presentation</td>
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<tr>
<td>Project Report</td>
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<tr>
<td>Final Exam (Take Home) - Due in 1 week</td>
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Student Responsibilities:

- Attend lectures in order to obtain all the course material that you are responsible for.
- Check announcements page (courselink website) on a regular basis.
- Submit assignments/reports on time.

Important Notes:

Communications regarding this course will frequently involve the course web page and email. Students are responsible for checking the course website and the university email account for all instructions and announcements. This must be done at least once every week.

University Policy on Academic Misconduct:

Academic misconduct, such as plagiarism, is a serious offence at the University of Guelph. Please consult the Graduate Calendar and the School of Engineering programs guide, for offences, penalties and procedures relating to academic misconduct.
Scroll Page 8 to 11 of the following page:
http://www.uoguelph.ca/registrar/calendars/graduate/current/pdffiles/genreg.pdf

Disclaimer:
The instructor reserves the right to change any or all of the above in the event of appropriate circumstances, subject to the University of Guelph Academic Regulations.