Course Coordinator:

Dr. H. Zurob (JHE 357, x23515, zurobh@)

Office Hours:
- Tuesday: 12:30-1:30 in JHE 357D
- Friday: 2:30-3:30 in JHE 352

Important Deadlines:

- **Oral proposal**
  Wednesday, October 6, 2019: 12:30-2:30
  Introduction and background to the project, definition of the problem, direction of research, expected outcomes (20 min presentation)

- **Written proposal**
  Friday, October 11, 2019

- **Written progress report**
  Monday, January 20, 2020
  Objective, background, description of apparatus, results including failed experiments and delays, milestones for remaining research (5 pages, double spaced)

- **Final oral presentation**
  Wednesday, April 1, 2020
  Presentation of the complete project from objective to conclusions (25 min presentation)

- **Final written thesis**
  Due Tuesday, April 7, 2020
  Abstract, introduction, literature survey, apparatus, results, discussion, conclusions, recommendations, references (50 pages, double spaced)
Course Description:
Individual experimental research problem with a selected supervisor. A preliminary written and oral report is required at the end of the first term. The thesis is defended orally. A minimum of nine unscheduled hours each week, both terms.

Prerequisite(s): A CA of at least 8.0; and registration in the final level of a Materials Engineering program or Level IV of Honours Physical Science.
Antirequisite(s): MATLS 4K04

Marking Scheme:

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Policy on Late Submissions
Reports will be due by 5pm on the due date. Late submissions will be penalized 25% per day. However, each group will be permitted to submit one report up to 3 days late without a penalty.

Policy Reminders:

Academic Integrity:

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity.

Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation 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 types of academic dishonesty please refer to the Academic Integrity Policy, located at www.mcmaster.ca/academicintegrity.
The following illustrates only three forms of academic dishonesty:

- Plagiarism, e.g. the submission of work that is not one’s own or for which other credit has been obtained.
- Improper collaboration in group work.
- Copying or using unauthorized aids in tests and examinations.

Academic Accommodation:

Students with disabilities who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Student Accessibility Services can be contacted by phone 905-525-9140 ext. 28652 or e-mail sas@mcmaster.ca. For further information, consult McMaster University’s Academic Accommodation of Students with Disabilities policy.

Missed Work:

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work”.

Academic Accommodation for Religious, Indigenous or Spiritual Observances:

Students requiring academic accommodation based on religious, indigenous or spiritual observances should follow the procedures set out in the RISO policy. Students requiring a RISO accommodation should submit their request to their Faculty Office normally within 10 working days of the beginning of term in which they anticipate a need for accommodation or to the Registrar’s Office prior to their examinations. Students should also contact their instructors as soon as possible to make alternative arrangements for classes, assignments, and tests.

Extreme Circumstances:

The University reserves the right to change the dates and deadlines for any or all courses in extreme circumstances (e.g., severe weather, labour disruptions, etc.). Changes will be communicated through regular McMaster communication channels, such as McMaster Daily News, A2L and/or McMaster email.

Completed by: Hatem S. Zurob, August 2019