



BME151 – Fall Biomedical Engineering Workshop

Fall 2017

0 or 1 credit

Instructor

Dr. Ryan S. McGinnis

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Office Hours: By Appointment.

I'm happy to discuss the course, outside interests, or career development.

Also, please feel free to come by and just introduce yourself ☺

Required Textbook

None.

Course Overview

Seminar course that highlights Biomedical Engineering research being conducted at UVM and elsewhere through guest speakers and student presentations. Students will have the opportunity to reflect on each research topic presented, to investigate a specific area of Biomedical Engineering in more detail, and to present their findings to the class.

Course Objectives

By the end of this course, students should:

- Have a clear understanding of the breadth of Biomedical Engineering research being conducted at UVM and elsewhere.
- Have experience performing a literature search using resources available through the UVM library.
- Have experience communicating the findings of a literature search through a written report and an oral presentation.

Grading Policy

Final grades will be issued according to the traditional grading scheme: A-, A, A+ \geq 90%, 90% $>$ B-, B, B+ \geq 80%, 80% $>$ C-, C, C+ \geq 70%, and so on. This scheme may be modified, but any such modification will be to improve student grades. Students are expected to read, ask questions, participate, perform background research, and keep up with the class. Final grades

will be determined according to the grade contributions, and their corresponding descriptions, below. Late assignments will not be accepted.

Final Grade Contribution:

- | | |
|-----------------------|-----|
| • Seminar Reflections | 25% |
| • Final Report | 25% |
| • Final Presentation | 25% |
| • Participation | 25% |

Seminar Reflections

Each student will be responsible for submitting a 1-page reflection on each seminar topic within one week of the presentation. These reflections will ask students to relate topics to current affairs, previous literature, and their everyday lives. Additional details will be provided with each assignment.

Final Report and Presentation

During the semester, students will select an area of Biomedical Engineering that they would like to learn more about and perform a literature search using the resources available through the UVM library. Results of the literature search will be communicated through a written report and oral presentation due at the end of the semester. Additional details regarding format and assessment criteria for the report and presentation will be provided during the semester.

Participation

Students are expected to attend class each week, ask questions, and think critically about the topics being presented. Attendance and engagement will be tracked throughout the semester and will contribute to the participation grade. If you need to miss class, for any reason, please alert Prof. McGinnis prior to the class period.

Academic Integrity

Students are encouraged to work together and to exchange ideas. However, students must be sure to submit only their own work and to reference that work properly, including all web sources.

UVM's policy on academic integrity is clearly defined and can be found at:

<http://www.uvm.edu/~uvmppg/ppg/student/acadintegrity.pdf>