Class Information

Instructor: José Oscar Mur-Miranda
Times and location: MR 9-9:50am and T 3-4:50pm in AC304
(M 9-9:50am is eliminated during weeks with tutorials)
Tutorials: To be held in OC332; see the class website for times.
Website: http://faculty.olin.edu/~jmurmiranda/memss06.htm
Instructor e-mail: jomm@olin.edu
Instructor telephone: (781)292-2544

Outcomes
By the end of the course, the students should be able to:

- Understand a fabrication process.
- Create appropriate models for the analysis of MEMS structures.
- Solve mathematical models of MEMS structures.

Competencies developed and method of assessment

- Extensive development of Quantitative Analysis at an advanced level will be assessed through homework. Homework problems are individual; all questions will be addressed by the instructor via email, telephone, or scheduled meeting. Homework is due at class time. Late homework will be penalized. The lowest two scores will be eliminated to allow for unforeseeable circumstances.

Classroom Assessment

- The instructor will hold small tutorials with the students at regular intervals in order to find points where the material needs reinforcement. At these meetings, the students will also be able to provide feedback to the instructor regarding class pace, content and level of complexity.

References