ME 381: Introduction to MEMS

Instructor: Prof. Horacio Espinosa, L286 Tech, 7-5989 (espinosa@northwestern.edu)

Grading: Homework 30%
Midterm 25% (in class, closed book, Nov. 16th)
Final Exam 25%
Final Project 20%

Final Project: Two page abstract due on Nov. 4th.
Final project report due on Dec. 2nd

Submission: Homework and reports submitted only in class
Late submission: 20% / class deduction from the full score

Textbooks:
- “Microsystem Design,” S. D. Senturia, Kluwer, 2002 (recommended; free online to all NU students)
- "Introduction to Microelectronic Fabrication," Richard C. Jaeger, Addison-Wesley, 1993

Class Website: clifton.mech.northwestern.edu/~me381/

Journals
- Sensors and Actuators, Elsevier
- Journal of Micromechanics and Microengineering, American Institute of Physics

Conferences Proceedings

News:
- Small Times (http://www.electroiq.com/index.html)
- MEMS investor journal (http://www.memsinvestorjournal.com/)