

ENEE 605: Design and Fabrication of Micro-Electro-Mechanical Systems (MEMS) - Fall 2024

A multi-disciplinary graduate course open to all students

Course Information

Instructor: **Dr. Reza Ghodssi** | ghodssi@umd.edu | www.umdmsal.com

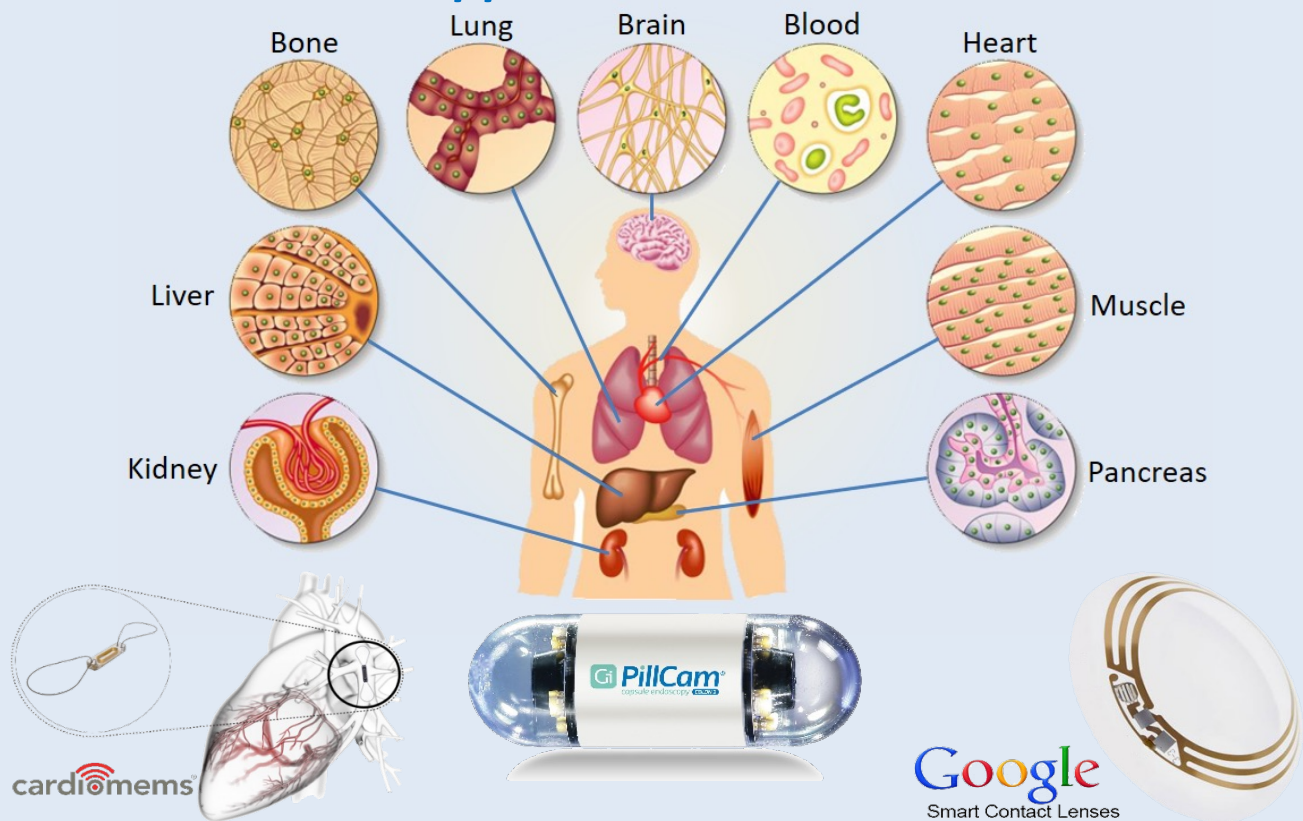
Course Lecture: M/W 11:00 – 12:15 pm | J.M. Patterson Building #83, Rm 2202

Course Prerequisites: Basic Applied Physics

Course Objectives

- Explore the world of MEMS and microsystems
- Learn principles and applications of miniaturized sensors and actuators
- Design microsystem devices to address health grand challenges

Application Areas



Useful Video Links:

Smart Contact Lens: https://www.youtube.com/watch?v=k_LfohzPZ1g

Button-sized Dosimeter: <https://www.youtube.com/watch?v=pwslsbHW4Qg>

If interested, please contact **Prof. Reza Ghodssi** (ghodssi@umd.edu).