



MEDICAL INDUSTRY LEADERSHIP INSTITUTE

NEW Undergraduate Course Offerings

MILI 5589 Medical Technology Evaluation in Action

Professor Pinar Karaca-Mandic
2 Credits

Offered
Spring 2019 A-Term
T/TH 11:50 am – 1:30 pm

Prerequisites
Open to all majors

Description:

Innovations in medical technologies are one of the leading areas of economic growth in the world. Whether new technologies take the form of pharmaceutical, medical device, biotechnology, information technology or some combination of these innovations, the opportunities for both private enterprise and social welfare are substantial. However, these innovations are not without cost, and require reimbursement from either a privately or publicly financed healthcare delivery system. Thus, the demand for the evaluation of new medical technologies continues to grow as new treatments are developed and healthcare costs continue to rise. This active, experiential learning course aims to provide knowledge of the skills, data, and methodology required to critically evaluate new medical technologies in order to meet financial investment as well as regulatory compliance objectives, such as FDA approval.

Objectives:

- Understand the role of government and regulatory agencies in the development and use of new medical technologies.
- Understand the reimbursement systems financing medical technology use.
- Identify a population to be served by a medical technology.
- Identify sources of data to evaluate a medical technology.

