## University of Wisconsin - Madison College of Engineering [EGR] Last Offered: 2014 Spring [1144] Direct Link to this Syllabus:

http://aefis.engr.wisc.edu/index.cfm/page/CourseAdmin.ViewABET?coursecatalogid=202&pdf=True

- 1. M E 601, Special Topics in Mechanical Engineering
- 2. Credits: 3.00 Contact Hours:
- 3. Textbook and Materials:
- 4. Specific Course Information:
  - a. **Brief description of the content of the course (Course Catalog Description):** Such as vibrations, balancing, lubrication and wear, special manufacturing processes, automation, energy systems, etc.
  - b. Pre-requisites or Co-requisites: Senior standing & consent of instructor
  - c. This is a Elective course.
- 5. Specific Goals for the Course:
  - a. Course Outcomes:
  - b. ABET Student Learning Outcomes:
    - (e) Ability to identify, formulate and solve engineering problems.
    - (f) Understanding of professional and ethical responsibility.
    - (h) The broad education necessary to understand the impact of engineering solutions in a global and societal context.
    - (i) Recognition of the need for and an ability to engage in life-long learning.
    - (j) Knowledge of contemporary issues.
    - (k) Ability to use the techniques, skills and modern engineering tools necessary for engineering practice.