

# Syllabus for ME 408

Course website: D2L

Lecture: Monday, Wednesday, Friday 9:00 – 9:50 AM, EGRA 320

Course Textbook: TBD

- **Course Objectives:**  
Develop an understanding of the principles of advanced energy conversion systems.
- **Topics Covered:**
  - Nuclear power plants, combined cycles, magnetohydrodynamics, cogeneration (electricity and process steam), and heat pumps. Constraints on design and use of energy conversion systems; energy resources, environmental effects, and economics. .
- **General Policy**  
No late homework and no make-up for missed exams
- **Distribution of Grades:**

Tests (3)	
Final Exam	Wednesday, May 7 7:50 – 9:50 A.M.
Homework	
- **Grading Policy:**

A:	90 – 100 %
B:	80 – 90 %
C:	70 – 80 %
D:	60 – 70 %
F:	0 – 60 %

*Emergency Procedures. Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT's website at [www.bert.siu.edu](http://www.bert.siu.edu), Department of Safety's website [www.dps.siu.edu](http://www.dps.siu.edu) (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency. Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. **It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.** The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.*