

Syllabus (revised 10/9/07)
Physics 190E – Energy & Society – Fall 2007
Hasbrouck 124, TuTh 9:30-10:45

- Instructor:** Prof. David Kastor
Office: LGRT 1130, 545-0545
Email: kastor@physics.umass.edu
- Office Hours:** Mondays 11AM-12PM and by appointment
- Course Website:** accessible only to registered students @
<https://spark.oit.umass.edu/webct/entryPageIns.doweabt>
or through SPARK link @ OIT website
- Textbook:** “Energy – Physical, Environmental and Social Impact,” 3rd Edition
by Gordon Aubrecht, available @ Food For Thought Books
106 N.Pleasant Street in Amherst.
- Coursework:** Homework assignments (roughly weekly), 2 midterm papers,
final project
- Grades:** Homeworks - 45%; Midterm papers – 13.5% each,
Final project 18%; Attendance – 10%
- Topics Covered:** Basic physics of energy and energy usage
Roles of energy in our society,
Environmental impacts of energy usage
Fossil Fuels
Nuclear Energy
Alternative energy sources – solar, wind, biofuels, geothermal, ...
Energy in a sustainable society
- Important note:** I will be making use of the Turnitin “Plagiarism Prevention
System” for the Midterm and Final papers. These assignments will
be submitted through the SPARK website & reviewed by the
Turnitin Software.

Fineprint - As a condition of continued enrollment in this course, you agree to submit all assignments to the Turnitin service for textual comparison or originality review for the detection of possible plagiarism. All submitted assignments will be included in the UMass Amherst dedicated databases of assignments at Turnitin. These databases of assignments will be used solely for the purpose of detecting possible plagiarism during the grading process and during this term and in the future. Students who do not submit their papers electronically to Turnitin will be required to submit copies of the cover page and first cited page of each source listed in the bibliography with the paper in order to receive a grade on the assignment.