Course Syllabus
Our Home, Our Environment Spring 2009

ESPM 3601 (Environmental Sciences, Policy and Management)
DHA 3482 (Design, Housing, and Apparel)

Course Title: Our Home, Our Environment
Days & Time: Monday and Wednesday, 4:30 – 5:45 p.m.
Location: McNeal Hall 33

Instructor: Rosemary Dolata
Room 250g - McNeal Hall
Office hours: Mondays and Wednesdays, 5:45 – 6:30 p.m.
and by appointment
Phone: 624-9308 ext. 9
Email: dola0006@umn.edu

Teaching Assistant: T.B.D.

Course Description
This course is intended to provide students with a broad overview of the many ways our homes impact environments both near and far. It focuses on the relationship between people and their homes and the environment.

Learning Objectives
Increase awareness of the connections between our home, our actions, and our environment.

Develop skills for the exploration of environmental issues.

Develop skills to structure viewpoints and arguments on contemporary housing issues that impact our environment.

Reading Materials
Required reading materials will be posted via the University of Minnesota’s WebVista, accessible through myU at http://myu.umn.edu or available online.
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Workload

- Four topical reports* (best four of five)
- Four quizzes (best four of five)
- Newspaper/magazine article summaries (ten total, two per topic area)
- Class participation (this will also include an eco-calculator exercise)

* Each student will present one topical report to the class. (Date of presentation will be coordinated with the instructor.)

Attendance, Participation and Deadlines

Students are expected to be in class and on time everyday. When an absence is unavoidable, it is the student’s responsibility to determine what was missed.

Even though this is a fairly large class, respectful group interaction is encouraged. Please share your ideas and be open to learning from one another.

Students are responsible for submitting work on time. Late assignments will be down graded.

Grading

<table>
<thead>
<tr>
<th>Topical reports:  4 @ 10 points each</th>
<th>40 points</th>
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<tr>
<td>Quizzes:  4 @ 10 points each</td>
<td>40 points</td>
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<tr>
<td>Newspaper article summaries</td>
<td>10 points</td>
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<tr>
<td>Class participation / eco-calculator</td>
<td>10 points</td>
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<td>100 points</td>
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Final letter grades will be based on straight scale percentages:

| 94-100     | = | A   |
| 90-93      | = | A-  |
| 87-89      | = | B+  |
| 84-86      | = | B   |
| 80-83      | = | B-  |
| 77-79      | = | C+  |
| 74-76      | = | C   |
| 70-73      | = | C-  |
| 67-69      | = | D+  |
| 60-66      | = | D   |
| 0-59       | = | F   |
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Course Outline

This is a general course outline and is subject to change. Any changes will be announced in class and are each student’s responsibility.

Topic: Energy – the Big Picture

Required Reading (to be completed by January 28):


January 21 – Introduction to energy sources
   Select “Energy - the Big Picture” report topic

January 26 – Energy sources and efficiency – guest lecturer Jess Roberts
January 28 – Energy alternatives

February 2 – Student Presentations
   “Energy - the Big Picture” report due
February 4 – Student Presentations
   Quiz & newspaper/magazine article summaries due

Topic: Energy Efficiency

Required Reading (to be completed by February 18):


February 9 – Building envelope and energy loss – guest lecturer Pat Huelman
February 11 – Appliances and lighting

February 16 – Mechanical systems – guest lecturer – guest lecturer Pat Huelman
February 18 – Small group discussions

February 23 – Student Presentations
   “Energy Efficiency” report due
February 25 – Student Presentations
   Quiz & newspaper/magazine article summaries due
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Topic: Resource Efficiency

Required Reading (to be completed by March 11):

- Readings will be announced in class and posted on WebVista.

March 2 – Construction materials
March 4 – Water efficiency

March 9 – Recycling, composting, landscaping
March 11 – Small group discussions

Note: Spring break

March 23 – Student Presentations
“Resource Efficiency” report due
March 25 – Student Presentations
Quiz & newspaper/magazine article summaries due

Topic: Occupant Health

Required Reading (to be completed by April 8):

- Readings will be announced in class and posted on WebVista.

March 30 – Indoor Air Quality, Biologicals – guest lecturer Pat Huelman
April 1 – Designed environments: light, sound, etc.

April 6 – Ventilation & Filtration – guest lecturer Pat Huelman
April 8 – Small group discussions

April 13 – Student Presentations
“Resource Efficiency” report due
April 15 – Student Presentations
Quiz & newspaper/magazine article summaries due
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Topic: Housing – the Big Picture

Required Reading (to be completed by April 29):

- Readings will be announced in class and posted on WebVista.

April 20 – Home: expectations, opportunities, impact
April 22 – Community: sprawl, density, new approaches
April 27 – Prepare for panel discussion
April 29 – Guest panel of experts

Note: May 2 & 3 – Living Green Expo
Students may summarize a workshop attended at the expo, in lieu of their newspaper article summaries. In addition to a summary, be sure to include the time, date and presenter’s name for the workshop attended. (See www.livinggreen.org for additional information.)

May 4 – Student Presentations
   “Housing – the Big Picture” report due
May 6 – Student Presentations
   Quiz & newspaper/magazine article summaries due