

## Course Syllabus

### The Essentials

<b>Lecture time and place</b>	Wednesday, 5:00 PM – 7:00 PM, DRM EXT Fridays, 10:00 AM – 12:00 PM, DRM EXT
<b>Instructor</b>	Dr. Erik E. Nordman
<b>Office</b>	Department of Environmental Studies and Community Development
<b>Email</b>	<a href="mailto:nordmane@gvsu.edu">nordmane@gvsu.edu</a>
<b>Office Hours</b>	Mondays 1:30-2:30 PM      Tuesdays 8:00-9:30      Other times by appointment
<b>Prerequisites</b>	none
<b>Required Readings</b>	Various readings (see Course Schedule) Available as a PDF download on course web site or from Class Rep
<b>Course website</b>	<a href="http://nordmansustainability.com/set623/">http://nordmansustainability.com/set623/</a> Password: twiga

### Course Information

**Purpose**      The purpose of this course is to develop competent engineers who understand the social context of sustainable energy infrastructure development.

**Objectives**      Upon completion of the course, the student will be able to:

- Articulate the principles of sustainable development and the Millennium Development Goals
- Understand the current status of energy access around the world
- Apply the principles of sustainable development to a variety of energy applications, from electrification to mobility.

**Evaluation**      The final grade for the course will be based on performance on two CAT exams (15% each) and one final university examination (70%).

Grading scale:  
70-100% = A  
60-69% = B  
50-59% = C  
40-49% = D  
Pass mark is 40%

The grade received by the student will be based on the ability to **demonstrate the analysis level of understanding** of natural resource and environmental policy. This pedagogy is derived from Bloom's cognitive levels of knowledge<sup>1</sup>. Demonstrating the analysis and synthesis levels of knowledge requires the use all the lower levels, including definition, comprehension, and application.

---

<sup>1</sup> Bloom, B.S., ed. 1956. *Taxonomy of Educational Objectives, Vol. 1: Cognitive Domain*. New York: McKay.

## Policies

### Email

I will periodically e-mail you information by using your KU student e-mail account. Please check your account regularly. I check e-mail often, but I cannot guarantee an immediate response to your mail. I will, however, respond by the end of the following business day (Monday through Friday).

### Attendance

You are expected to attend all lectures, participate in class discussions, and read all assigned readings. It is your responsibility to obtain information and materials that are distributed when you are absent from class.

**You must take the exams, including the final exam, on the scheduled date. If you are unable to take an exam or complete an assignment on the scheduled date *and* have a valid reason (serious illness, accident, or death in the family), please make arrangements with me. An unexcused absence from the final exam will result in a failing grade for the class, regardless of performance on other exams and homework.**