

Fall, 2004  
Tuesday, Thursday 4:00 - 5:15  
OLSC 106

Dr. Gary Silverman  
214 Health Center  
372-6062 (office); 823-5049 (home)  
silverma@bgnet.bgsu.edu

**ENVH 306**  
**ENVIRONMENTAL REGULATION, ORGANIZATION AND ADMINISTRATION**

The objective of this course is to examine practical methods for implementing remedies to environmental problems. Attention will be given to the compliance mechanisms available to local environmental health departments, organization and administration of environmental programs within government agencies, and environmental management in industry.

Desired student outcomes are to gain knowledge and skills useful when practicing as an environmental health professional. Students should have an increased ability for practical problem solving and implementation of solutions within both the public and private sectors.

**SCHEDULE AND READING ASSIGNMENTS**

<b><u>Date</u></b>	<b><u>Discussion Topics</u></b>	<b><u>Reading*</u></b>
Aug 24	Introduction	
Aug 26	Environmental Equity and Resource Allocation	GH
Aug 31	History of Environmental & Public Health Law	JP: 13-38
Sept 2	History of Environmental & Public Health Law	JP: 39-68
Sept 7	The Local Health Department	OR: 3709.01-3709.10
Sept 9	The Legal System	NA: Chpt 1-2
Sept 9	Wood County Board of Health Meeting (1840 E. Gypsy Lane Road). 7:30 P.M. (Please note that we meet twice this day, but do not meet on November 23 as compensation)	
Sept 14	The Legal System	NA: Chpt 3, 5-,6
Sept 16	Inspection and Search Procedures	SB Ch 3
Sept 21	Field Inspections	SB Ch 5
Sept 23	Community Excellence in Environmental Health	PA: Parts I – III & Lessons Learned (Part IV)
Sept 28	Local Level Practices – Guest Speaker	
Sept 30	Midterm 1	
Oct 5	Discussion of Midterm / National Environmental Policy Act	NE
Oct 7	Major Federal Environmental Laws	EP
Oct 12	FALL BREAK	
Oct 14	Major Federal Environmental Laws	EP

Oct 19	Federal and State Regulatory Approaches	JP: 93-108
Oct 21	Congressional Activities	US
Oct 26	Limiting Environmental Governance	RS: 1-86
Oct 28	Managing Organizations	JH Chpt 10
Nov 2	Managing Organizations (continued)	
Nov 4	Personnel Management	JH: Chpt 12
Nov 9	Agency Budgeting	Budget exercise
Nov 11	VETERANS DAY	
Nov 16	Midterm 2	
Nov 18	Midterm review/ Current Event	
Nov 23	No class (compensation for 9/11)	
Nov 25	THANKSGIVING	
Nov 30	State Level Experiences – Guest Speaker	
Dec 2	Facility Environmental Management and Auditing	EM: 1-26, 44-50
Dec 7	International Governance	
Dec 9	Industrial Experience – Guest Speaker	
Dec 14	Final Examination (3:30 – 5:30)	

\* See below for explanation of reading abbreviations.

### Required Reading:

Reading has been assigned from the following materials. Additional reading may be assigned.

EM Environmental Management Environmental Management Systems Primer Systems  
*Primer for for Federal Facilities Federal Facilities*. DOE/EH-0573. 1998  
<http://www.epa.gov/compliance/resources/publications/incentives/ems/emsprimer.pdf>  
 Available as a course document on the Web

EP U.S. EPA. Major Environmental Laws@ web page You will be assigned a project  
 starting from this web site: <http://www.epa.gov/epahome/laws.htm>

GH Hardin, Garrett, 1968. The Tragedy of the Commons. *Science*, 162:1243-1248. Available as a  
 course document on the Web.

JH *Public Health Administration and Practice*, John J. Hanlon and George E. Pickett, C.V.  
 Mosby Company, 8th Edition, 1984. Available as a course document on the Web

- JP Joe Petulla, 1987. *Environmental Protection in the United States, Industry, Agencies, Environmentalists*, San Francisco Study Center, San Francisco, California, 1987. Text available on-loan from the instructor
- NA North American Commission for Environmental Cooperation, Summary of Environmental Law in the United States. Available on the internet at:  
[http://www.cec.org/pubs\\_info\\_resources/law\\_treat\\_agree/summary\\_enviro\\_law/publication/us01.cfm?varlan=english](http://www.cec.org/pubs_info_resources/law_treat_agree/summary_enviro_law/publication/us01.cfm?varlan=english)
- NE National Environmental Quality Act of 1969, as amended. Available on the internet at  
<http://ceq.eh.doe.gov/nepa/regs/nepa/nepaeqia.htm>
- OR Ohio Revised Code, Chapter 37, Health – Safety – Morels. Chapter 3709, Health Districts.  
<http://onlinedocs.andersonpublishing.com/oh/lpExt.dll?f=templates&fn=main-h.htm>
- PA PACE In Practice. *Protocol for Assessing Community Excellence in Environmental Health. National Association of County and City Health Officials*. Available on the internet at:  
[http://pace.naccho.org/pace\\_home.asp](http://pace.naccho.org/pace_home.asp)
- SB *Environmental Health Law*, Sanford M. Brown and Theodore R. Forrest, Jr., Praeger Publishers, New York, New York, 1984. Available as a course document on the Web.
- RS *Eco-nomics. What Everyone Should Know About Economics and the Environment*. Richard L. Stroup. CATO Institute. Washington, D.C. 2003. Available at the campus bookstore (and other bookstores such as Amazon.com).
- US U.S. Senate Committees. You will be assigned a project starting from its web site:  
[http://www.senate.gov/pagelayout/committees/d\\_three\\_sections\\_with\\_teasers/committees\\_home.htm](http://www.senate.gov/pagelayout/committees/d_three_sections_with_teasers/committees_home.htm)

Much of the material on-line will be in Adobe (it will have .pdf at the end of the file name). Campus computers generally have the appropriate readers. If your personal computer does not, Adobe readers can be downloaded free at: <http://www.adobe.com/products/acrobat/readstep.html>.

It is your responsibility to read everything - if your computer can't read Adobe please either download the software (recommended) or use a campus computer.

### **Earning your Letter Grade**

1. Daily performance. Each day (except for days that we have exams and the first day of class) you will earn a score on a 13 point scale. This score will be based on some kind of assignment, a quiz, or other assortment of measurable performance outcomes. Three points of the 13 points will be based on your active participation in class. If you know that you need to be missing a class, please see me **BEFORE** the class to make arrangements. Only in the case of an unavoidable emergency will you be able to make up points after a class if prior arrangements have not been made. Ordinarily, if you know that you will need to miss a class (and have reasonable justification), it's just a matter of letting me

know and turning in the assignment early (and I will make an adjustment reflecting not participating in class that day).

If you are not in class when an assignment is collected, or when a quiz **starts**, you will not be able to hand in that assignment or take the quiz.

2. Midterms. Two midterms will be given. They will largely be short essay in nature.
3. Final Examination. The final examination will stress the material during the final third of the course (following the second midterm) but also be comprehensive.
4. **All** written materials must be submitted **typed!** Four points will be subtracted from any material handed in handwritten.

### Point Distribution and Grade

Activity	Point Accumulation	Points Possible
Daily assignment	25 @ 13 points	325
Midterms	2 @ 215 points	430
Final	1 @ 250	245
TOTAL POINTS		1000

#### Final Grade:

A  $\geq$  900 points    B = 800 - 900 points    C = 700-800 points    D = 600-700 points    F  $\leq$  599 points

**Help Available!!** I am available to anyone who would like help with the reading, assignments, or any other aspect of the course. I prefer to make appointments when it's convenient to both the student and to me, rather than holding only limited office hours. Call or email and we can set up an appointment, although you're welcome to stop by and see if I'm in. Don't hesitate to call me at home in the evening (that's why I gave you my home phone number!). Please don't call after 10:00 PM..

### Studying Environmental Health at BGSU

This course fulfills one of the requirements for majors in environmental health at BGSU. It also is intended for other students interested in environmental issues from a variety of majors.

Our Environmental Health Program is one of only 24 in the United States recognized by the National Environmental Health Science and Protection Accreditation Council. Our learning outcomes for students are to:

1. think critically and creatively.
2. demonstrate knowledge and abilities useful in the professional workforce.

3. function as a member of an environmental health team in the public or private sector.
4. learn independently over a lifetime
5. fully participate in the art and science of identifying, evaluating and managing environmental factors that can adversely impact the health of humans and their environment.

If you're interested in learning more about majoring on minoring in the Program, just ask any of the program faculty.