



Economics 105-01: Environmental Economics for the Citizen
 Spring 2017
 Mr. Anthony Good
 Office Hours: 11:30-1:15
 D166 Mason Hall
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MF 1:30pm – 2:45pm
 Innovation Hall 136

Prerequisites: None

Overview: This course will teach you how to use economics to understand a wide range of environmental issues.

Required Textbook: Cowen, Tyler and Tabarrock, Alex. (2015), *Modern Principles of Economics* 3rd Edition, Worth Publishers.

Grading Structure:

	Exam Date	Grading Weight
Exam 1	2/15/2017	15%
Exam 2	3/22/2017	15%
Exam 3	4/19/2017	15%
Final Exam	5/10/2017	30%
Homework	N/A	25%

A >93%	B+ 87% - 90%	C+ 77% - 80%	D 60% - 70%
A- 90% - 93%	B 83% - 87%	C 73% - 77%	F <60%
	B- 80% - 83%	C- 70% - 73%	

Exams:

Exams 1-3 will have 5 true/false questions and 45 multiple-choice questions. The comprehensive final will consist of 10 true/false questions and 65 multiple-choice questions. Homework will vary in structure. The exams will be completed on a scantron, so be sure to bring a pencil to class on exam days.

Policies:

Collaboration on homework is permitted. This does not, however, mean you can copy your classmate's answers. Any signs of plagiarism will result in a score of zero and a report to the GMU Honor Committee. Additionally, cheating on exams will also result in a score of zero and a report to the GMU Honor Committee.

Homework assignments are due at the beginning of class. Any assignments turned in later than the beginning of the official start time will be deducted 30% of the total possible score for 24 hours. After 24 hours late homework will no longer be accepted.

I will allow for students to make up exams in the case of an emergency. Evidence of an emergency consists of a doctor's note, funeral information, car accident report, etc. I will not tolerate poor excuses and I will not accept an excuse without ample evidence.

I don't mind if you use electronics in class, but be respectful of your classmates. Don't impose negative externalities on the students around you by being noisy, making funny faces, etc.

Attendance will not be formally taken, although it is strongly recommend. If the marginal benefit of attending one class is lower than the opportunity cost, don't come to class.

Students with Disabilities:

If you are a student with a disability and you need academic accommodations, please see me and contact Disability Services at 993-2474, <http://ods.gmu.edu>. All academic accommodations must be arranged through Disability Services.

Course Outline:

Week	Date	Chapters	Material	Assignments
1	01/23 01/25	Syllabus 1, 2, 3	Overview, consumption, production, allocation, price, production possibilities frontier (PPF), supply & Demand,	Read: 1,2 HWA: 1 HWD: none
2	01/30 02/1	4,5	Demand curve, consumer surplus, supply curve, producer surplus, supply and demand equilibrium, elasticity, applications with commodities	Read: 6 HWA: 2 HWD: 1
3	02/6 02/8	6	Taxes & subsidies, deadweight loss, tax incidence, applications with commodities	HWA: none HWD: 2
4	02/13 02/15		Review of material Exam 1: 02/15	Read: 7,8
5	02/20 02/22	7,8	Price ceilings & floors, gains from trade, rent control	Read: 10, Toward a Theory of

				Property Rights HWA: 3 HWD: none
6	02/27 03/1	10	Externalities, property rights, pigouvian taxes, carbon tax, pollution tax, etc	Read: 11,12 HWA: 4 HWD: 3
7	03/6 03/8	11,12	Profit maximization, theory of a competitive market	HWA: none HWD: 4
8	03/13 03/15	Spring Break		
9	03/20 03/22		Exam 2: 03/22	Read: 18
10	03/27 03/29	18	Public goods, tragedy of the commons, prisoner's dilemma, coordination game	Read: 24,25 HWA: 5 HWD: none
11	04/3 04/5	24,25	GDP, the wealth of nations, economic growth	HWA: 6 HWD: 5
12	04/10 04/12		Malthusian growth, limits to growth	HWA: none HWD: 6
13	04/17 04/19		Review Exam 3: 04/19	HWA: none HWD: none
14	04/24 04/26		Valuing ecosystem services Environmental Kuznets Curve	HWA: 7 HWD: none
15	05/01 05/03		Review for final	HWA: none HWD: 7
16	5/10	Final Exam – 1:30-4:15		

Note: this course outline is subject to change

Key

HWD: Homework due

HWA: Homework assigned

TBD: To be determined