



Environmental Economics Sustainability Related Course

"It is better to look forward and prepare than look back and regret."

Jackie Joyner-Kersey
Olympic gold medalist

Marcia S. Snyder (she, her)
College of Charleston
School of Business
5 Liberty St.
Tate Center room 313

Email: snyderm@cofc.edu

**MWF 8:00 – 8:50 am in
Tate Center room 315**

Office hours:
MWF 11 am – noon
TR 9 am – 11 am
and by appointment.

I am typically available throughout the day every weekday and am also available to meet via Zoom.

My Strengths: Learner, Input, Intellection, Achiever, Connectedness

Course Pre-requisite:
ECON 200 – Principles of Microeconomics
ECON 201 – Principles of Macroeconomics
Math 116 or MATH 120 or
Permission of instructor

Course description: This course deals with the institution of property rights and how the absence of property rights may hinder the proper allocation of society's scarce resources and thereby affect economic efficiency. The course also examines how resources held in the public domain are allocated and ways of how this allocation might be made more efficient.



I will share with you my knowledge and love of economics, my passion for learning, along with guidance for your success.

You will share with me your active participation in class, your personal preparation of all assignments, and an indication of your knowledge gained through your efforts when asked.



Email Policy:

Please use your university-issued email for all correspondence. I always answer emails. If an answer is not received within 24 hours during weekdays, please resend your email. I rarely check email after 8:00 pm during the week and only check email sporadically during weekends. Please plan accordingly.

Course Objectives

Course objective:

Students demonstrate critical thinking and analytical skills through using economic models and concepts in the development of environmental policy.

Student Learning Goals:

Support strategic initiative 1: Enhance the undergraduate academic core.

Understanding Major Economic Problems:

Students demonstrate an understanding of the major economic problems facing society and the policy alternatives which may be utilized to contend with these problems.

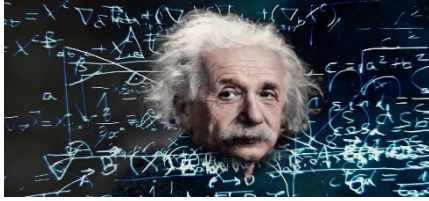
Synthesis: Students Demonstrate the ability to access existing knowledge by retrieving, assembling,

and organizing information on particular topics and issues in economics.

Demonstration of achievement will be through weekly homework assignments, in-class discussions, term tests, and quizzes.

OAKS, including gradebook, will be used for this course throughout the semester to provide the syllabus, class materials and grades for each assignment, which will be regularly recorded. Please make sure to log into your OAKS account daily to check for announcements and course updates. All tests and the cumulative final will be administered through OAKS.

Accessibility and Disability Statement



"I believe in standardizing automobiles. I do not believe in standardizing human beings."

Albert Einstein
Physicist, 1879-1955

I am committed to creating a course that is inclusive in its design. If you encounter barriers, please let me know immediately so we can determine if there is a design adjustment that can be made. I am happy to consider creative solutions as long as they do not compromise the intent of the assessment or learning activity.

If you are a student with a disability, or think you may have a disability, you are also welcomed to initiate this conversation with The Center for Disability Services (SNAP). SNAP works with students with disabilities and faculty members to identify reasonable

accommodations. Please visit their website for contact and other information: <http://disabilityservices.cofc.edu/>. If you have already been approved for accommodations through SNAP, please reach out to me so we can develop an implementation plan together.

Sometimes life events intrude on our day to day lives. Your success is important to me. My door is always open, and I am a good listener. When life events intrude keeping you from meeting course requirements please contact me to discuss a solution.

Mental and Physical Wellbeing

At the college, we take every students' mental and physical wellbeing seriously. If you find yourself experiencing physical illnesses, please reach out to student health services (843.953.5520). And if you find yourself experiencing any mental health challenges (for example, anxiety, depression, stressful life events, sleep deprivation, and/or loneliness/homesickness) please consider contacting either the Counseling Center (professional counselors at <http://counseling.cofc.edu> or 843.953.5640 3rd Robert Scott Small Building) or the Students 4 Support (certified volunteers through texting "4support" to 839863, or meet with them in person 3rd Floor Stern Center). These services are there for you to help you cope with difficulties you may be experiencing and to maintain optimal physical and mental health.



Inclusion

The College of Charleston offers many resources for LGBTQ+ students, faculty and staff along with their allies.

Food and Housing Resources

Many CofC students report experiencing food and housing insecurity. If you are facing challenges in securing food (such as not being able to afford groceries or get sufficient food to eat every day) and housing (such as lacking a safe and stable place to live), please contact the Dean of Students for support (<http://studentaffairs.cofc.edu/about/salt.php>). Also, you can go to <http://studentaffairs.cofc.edu/student-food-housing-insecurity/index.php> to learn about food and housing assistance that is available to you. In addition, there are several resources on and off campus to help. You can visit the Cougar Pantry in the Stern Center (2nd floor), a student-run food pantry that provides dry-goods and hygiene products at no charge to any student in need. Please also consider reaching out to Professor ABC if you are comfortable in doing so.

Academic Integrity

Students at the College of Charleston are expected to adhere to the Honor System as outlined in the [CofC Student Handbook](#).

"Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when suspected, are investigated. Each incident will be examined to determine the degree of deception involved. Incidents where the instructor determines the student's actions are related more to misunderstanding and confusion will be handled by the instructor. The instructor designs an intervention or assigns a grade reduction to help prevent the student from repeating the error. The response is recorded on a form and signed both by the instructor and the student. It is forwarded to

the Office of the Dean of Students and placed in the student's file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This status indicator will appear on the student's transcript for two years after which the student may petition for the XX to be expunged. The F is permanent."



"The supreme quality for leadership is unquestionably integrity. Without it, no real success is possible."

Dwight D. Eisenhower, 34th President of the United States, 1890-1969



Required Course Materials

Environmental Economics and Policy 7th edition by Lynne Lewis and Thomas Tietenberg
Routledge 2019
ISBN:9781138587595

Subscription to Bloomberg Green daily newsletter
The newsletter is free.
<https://www.bloombergreen.com/account/newsletters/green?source=NLshare>

OAKS LMS including gradebook, will be used for this course throughout the semester to provide the syllabus, class materials and grades for each assignment, which will be regularly recorded. Please make sure to log into your OAKS account daily to check for announcements and course updates.

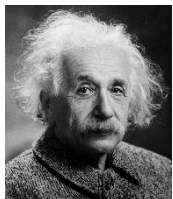
Grading Scale and Procedures

The following point scales will be used for the course:

Percent of total points
A = 93-100
A- = 90-92
B+ = 87-89
B = 83-86
B- = 80-82
C+ = 77-79
C = 73-76
C- = 70-72
D+ = 67-69
D = 63-66
D- = 60-62
F < 60

Weekly quizzes	30%
Weekly discussion papers	20%
Participation/discussion	30%
<u>Sustainability paper</u>	20%
	100%

Expect to devote a minimum of three to six hours per week on assignments outside of class.



"Education is not the learning of facts, but the training of the mind to think"
Albert Einstein
Physicist
1879-1955

***Weekly quizzes** covering class material will be administered through OAKS on Fridays.

Weekly discussion papers: Short 1-2 page papers designed to focus your thoughts for in-class discussions. Discussion questions will be available in the OAKS drop box link under each chapter module.

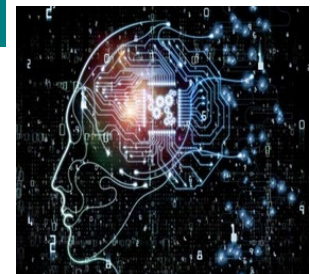
Weekly participation in discussions: We will reserve one class period a week for discussions on your weekly papers.

Sustainability literacy paper: 3-4 page paper. Due the last day of semester classes. Details on next page.

Sustainability Resources at the College of Charleston

Absences: This is a face-to-face class and attendance is required. You are responsible for the material presented in class.

CofC Closure Policy: If in-person classes are suspended, faculty will announce to their students a detailed plan for a change in modality to ensure the continuity of learning. All students must have access to a computer equipped with a web camera, microphone, and Internet access. Resources are available to provide students with these essential tools.



"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

Malcom X
Civil rights leader
1925-1965

If you are having difficulty with any of the material in this course, please reach out to me as soon as possible because the material is cumulative, and you will likely find yourself falling farther behind. I am always happy to take extra time to work with you. 😊

Sustainability Literacy

"Sustainability literacy is the knowledge, skills, and mindsets that allow individuals to become deeply committed to building a sustainable future and assisting in making informed and effective decisions to this end."

UN Sustainable Development Goals Knowledge Platform

The 1987 Brundtland Commission report for the United Nations defines sustainability as "meeting the needs of the present without compromising the ability of future generations to meet their own needs."

In the 21st Century, sustainability generally refers to the capacity for Earth's biosphere and human civilization systems to coexist.



"We never know the wealth of water until the well is dry."

Thomas Fuller
English scholar, 1608-1661

Student Learning Outcomes for Sustainability Literacy

SLO 4-QEP Synthesis and Integration:

Students can synthesize knowledge from two or more systems to address a sustainability problem.

SLO 5- QEP Skill Building and Competency Learning:

Students can demonstrate the impact of production/consumption practices on social, economic, and or ecological systems.

ECON 311 Sustainability Literacy Paper

The final paper is a three to four-page sustainability literacy take-home test, assessing SLO 4 and SLO 5 referenced above. You will be asked to create a sustainable business detailing how you address the triple bottom line with your business. Explicit details for the assignment will be available in the OAKS drop box. Students had fun with this assignment last semester and the essays were wonderful!



"I am only one, but I am one. I cannot do everything, but I can do something. And I will not let what I cannot do interfere with what I can do."

Edward Everett Hale
American author, 1822-1909

**Spring 2023 MWF 8:00 – 8:50 am
ECON 311-01 CRN 21489**

TENTATIVE SCHEDULE OF ASSIGNMENTS AND EXAMS

	DATE	CHAPTER (S)	TOPICS COVERED
JAN	11	Introduction and CH 1	Introduction, Syllabus, Sustainability
	13	CH 1	The Role of Economics in Formulating and Implementing Policy
	16	MLK Day No Class	
	18	CH 1	The Role of Economics in Formulating and Implementing Policy
	20	CH 2	The Economic Approach: Property Rights, Externalities, Env Problems
	23	CH 2 OAKS QUIZ CH 1	The Economic Approach: Property Rights, Externalities, Env Problems
	25	CH 2	The Economic Approach: Property Rights, Externalities, Env Problems
	27	CH 3	The Role of Policy Instrument Choice in Efficient Environmental Mgmt
	30	CH 3 OAKS QUIZ CH 2	The Role of Policy Instrument Choice in Efficient Environmental Mgmt
FEB	1	CH 3	The Role of Policy Instrument Choice in Efficient Environmental Mgmt
	3	CH 4	Evaluating Trade-offs, Benefit-Cost Analysis and Other Decision Metrics
	6	CH 4 OAKS QUIZ CH 3	Evaluating Trade-offs, Benefit-Cost Analysis and Other Decision Metrics
	8	CH 4	Evaluating Trade-offs, Benefit-Cost Analysis and Other Decision Metrics
	10	CH 5	Valuing the Environment: Methods and Examples
	13	CH 5 OAKS QUIZ CH 4	Valuing the Environment: Methods and Examples
	15	CH 5	Valuing the Environment: Methods and Examples
	17	CH 6	Ecosystem Goods and Services: Nature's Threatened Bounty
	20	CH 6 OAKS QUIZ CH 5	Ecosystem Goods and Services: Nature's Threatened Bounty
	22	CH 6	Ecosystem Goods and Services: Nature's Threatened Bounty
	24	CH 7	Fisheries Policy
	27	CH 7 OAKS QUIZ CH 6	Fisheries Policy
MAR	1	CH 7	Fisheries Policy
	3	CH 8	Climate Change I: The Nature of the Challenge
	4-12	Spring Break	No Class
	13	CH 8 OAKS QUIZ CH 7	Climate Change I: The Nature of the Challenge
	15	CH 8	Climate Change I: The Nature of the Challenge
	17	CH 9	Climate Change II: The Role of Energy Policy
	20	CH 9 OAKS QUIZ CH 8	Climate Change II: The Role of Energy Policy
	22	CH 9	Climate Change II: The Role of Energy Policy
	24	CH 10	Climate Change III: Carbon Pricing
	24	Last Day to Withdraw	
	27	CH 11 OAKS QUIZ CH 9/10	Climate Change IV: Adaptation
	29	CH 11	Climate Change IV: Adaptation
	31	CH 11	Climate Change IV: Adaptation
APR	3	CH 12 OAKS QUIZ CH 11	Transportation: Managing Congestion and Local Pollution
	5	CH 12	Transportation: Managing Congestion and Local Pollution
	7	CH 12	Transportation: Managing Congestion and Local Pollution
	10	CH 13 OAKS QUIZ CH 12	Water: Managing Water Quality for Rivers, Lakes and Oceans
	12	CH 13	Water: Managing Water Quality for Rivers, Lakes and Oceans
	14	CH 13	Water: Managing Water Quality for Rivers, Lakes and Oceans
	17	CH 14 OAKS QUIZ CH 13	Toxic Policy and Environmental Justice
	19	CH 14	Toxic Policy and Environmental Justice
	21	CH 14	Toxic Policy and Environmental Justice
	24	CH 15 OAKS QUIZ CH 14	Meeting the Challenge: The Role of Economics
	26	CH 15	Meeting the Challenge: The Role of Economics
		No in-class final	



"There are no secrets to success. It is the result of preparation, hard work and learning from failure."

Colin Powell
Former U.S Secretary of State
1937-2021

Keys to Success



Attend Class Ready to Learn

The class is only 50 minutes long. We will begin on time and end on time.

Multitasking on Instagram, Facebook, text messaging, etc. during class disrupts your learning process.



Complete the Reading Assignments BEFORE the lecture.

The first five chapters are review of core economic concepts and models. The remaining nine chapters will look at current policy and involve more discussion. Please come to class prepared to ask questions and discuss the material.



When submitting written work:

- Review sources other than the textbook and stay current with current events for ideas.
- Include citations when you are using examples from other sources.
- Proofread your papers for grammar and word usage mistakes.
- Be ready to discuss your thoughts in class.

Student Engagement

Students who are actively engaged in their educational experiences, in both academic and professional settings, are better prepared for their professional, societal and personal lives after graduation. In an effort to encourage you to attend speaker events on **campus and in the School of Business**, you may earn up to ten (10) extra credit points to be added to your quiz scores by attending the event and submitting an email to me at

snyder@cofc.edu using the following guidelines:

Subject line: Extra Credit
Body of Email: write a professional and grammatically correct memo answering the following two questions.

- What did you learn? If you did not learn anything, (which is ok) explain.
- Was the event worth your time to attend? If it was not, (which is ok) explain.

Each extra credit opportunity is worth 1 point. Deadline for all extra credit memos is the last day of class in the semester.



"Education is the most powerful weapon which you can use to change the world"

Nelson Mandela
Former President of South Africa, 1918- 2013



"To feel much for others and little for ourselves; to restrain our selfishness and exercise our benevolent affections, constitute the perfection of human nature."

Adam Smith, the Father of Economics 1723-1790

What would you think about having a group of people focused on your success in school, work, and life?



"We will be known forever by the tracks we leave."

Native American Proverb

School of Business students have the added benefit of the [Student Success Center](#). Focused on each student's success from orientation through graduation, the Success Center provides you with services that include academic advising, internship guidance, student involvement, career development, life skills, professional development, and much more.

The Center provides one-on-one meetings with students and boasts services including the Suit Valet, onsite and online workshops and networking events, *CareerLaunch* services, exam breakrooms, and school spirit events. Student are encouraged to start visiting the Center to create their personalized "My Success Plan" journey.

Don't have your Success Plan done yet? Stop by the Center and see us, which is what we are here for. Let's make a plan for your future (you know your family will be asking).

During spring semester due to the Covid-19 pandemic Student Success Center staff will be meeting virtually instead of face-to-face in observance of social distancing. Please make an appointment visiting Appointment Manager through *MyCharleston* and choosing a time that fits your schedule.

Every Business student should plan to do at least 2-3 internships during their college career so come to the Student Success Center to plan your internship experiences.

Have questions about your graduation plan or haven't done one yet, reach out to our Academic Advisors.

Your resume and cover letters need help, don't worry, every resume and cover letter does, and that's what we are here for.

Worried about public speaking, knowing how to network, or botching an interview. No worries, we've got your back. Reach out to us.

Questions:
StudentSuccessCenter@cofc.edu

Student Success Center Links

- [Academic Advising](#)
- [Career and Professional Development](#)
- [Clubs and Organizations](#)
- [Internships](#)
- [Scholarships and Awards](#)
- [Study Abroad](#)
- [QUEST APP](#)

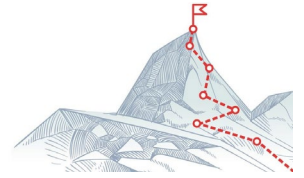


Have Questions? Need Help?
Please reach out to me.
snyderm@cofc.edu
Your Success is Important!

I typically am available throughout the day every weekday and can quickly set up a Zoom meeting to meet.

CONCEPTS OF LASTING VALUE

1. RELATIVE SCARCITY
Make the most of what you've got.
2. OPPORTUNITY COST
There is no such thing as a free lunch.
3. REAL VERSUS NOMINAL VALUES
Concentrate on what is real, not just what is easy to see.
4. MODELS & ABSTRACT THINKING
It may be simplistic and unrealistic, but it's extremely useful.
5. SUPPLY & DEMAND ANALYSIS
Teach a parrot the words 'supply and demand' and you've got an economist!
6. EQUILIBRIUM
Where does the pendulum stop?
7. KEYNESIAN MACROECONOMICS
I know the economy is in equilibrium because the unemployment line I'm standing in isn't getting any longer or shorter.
8. RULES VERSUS DISCRETION IN ECONOMIC POLICY
Hell is paved with good intentions versus Nero fiddles while Rome burns.
9. MUTUAL GAINS FROM TRADE
Maybe there is a free lunch.
10. INVESTMENT IS THE KEY TO GROWTH
No pain, no gain. You are investing in your human capital.



"Our progress as a nation can be no swifter than our progress in education. The human mind is our fundamental resource."

John F. Kennedy,
35th U.S. President

Special message to Congress
20 February 1961



Recommended Reading List

[Green Swans](#), John Elkington
[Designing Your Life: How to Build a Well-Lived, Joyful Life](#), Bill Burnett and Dave Evans
[Beloved Economies: Transforming How We Work](#), Jess Rimington and Joanna L. Cea
[Doughnut Economics: 7 Ways to Think Like a 21st Century Economist](#), Kate Raworth
[How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need](#), Bill Gates
[Regeneration: Ending the Climate Crisis in one Generation](#), Paul Hawken
[Phishing for Phools: The Economics of Manipulation and Deception](#), George A. Akerlof and Robert J. Shiller
[Darwin Economics](#), Robert Frank
[The Economic Naturalist's Field Guide](#), Robert H. Frank
[The Spirit Level](#), Richard Wilkinson and Kate Pickett
[The Price of Inequality](#), Joseph E. Stiglitz
[The Ascent of Money](#), Niall Ferguson
[The Cheating Culture](#), David Callahan
[The Skeptical Economist](#), Jonathan Aldred
[Predictably Irrational](#), Dan Ariely

[The Upside of Irrationality](#), Dan Ariely
[The \(Honest\) Truth About Dishonesty](#), Dan Ariely
[Freakonomics](#), Steven D. Levitt and Stephen Dubner
[The World Is Flat 3.0](#), Thomas Friedman
[Hot, Flat and Crowded](#), Thomas Friedman
[Something New Under the Sun](#), J.R. McNeil
[The Tipping Point](#), Malcolm Gladwell
[Blink](#), Malcolm Gladwell
[A Failure of Capitalism](#), Richard A. Posner
[The Return of Depression Economics](#), Paul Krugman
[Moonwalking With Einstein](#), Joshua Foer
[The Big Short](#), Michael Lewis
[Boomerang: Travels in the New Third World](#), Michael Lewis
[The Naked Economist: Undressing the Dismal Science](#), Charles Wheelan
[After the Music Stopped](#), Alan S. Blinder
[What Money Can't Buy: The Moral Limits of Markets](#), Michael J. Sandel
[Genghis Khan and the Making of the Modern World](#), Jack Weatherford