



ECON 465

Sustainable Development

Fall-2021 Syllabus

Course Information			
Course Code	Course Name	Location	Time
ECON 465	Sustainable Development	D232	Wed 16-19

Instructor Information	
Instructor:	Erdem Başçı
Office:	F208
Phone:	429
E-mail:	erdem.basci@tedu.edu.tr
Office Hours:	Wed 9-12
Teaching Assistants:	Orçun Kasap

GENERAL INFORMATION

Course Description

(3+0+0) 3 TEDU Credits, 6 ECTS Credits

The 2030 Agenda for Sustainable Development of the United Nations. The 17 Sustainable Development Goals (SDGs). Economic, social and environmental sustainability. Measurement and analytical frameworks. What markets can and cannot achieve. The need for governmental action and international cooperation.

Course Objectives

This course aims to provide an in-depth knowledge of the Sustainable Development Goals (SDGs) of the United Nations. The course will emphasize measurement, analysis and design questions in a multi-dimensional setting. Tools, such as impact investing, development assistance, social entrepreneurship, corporate social responsibility, will be defined and their roles in achieving the SDGs will be discussed.

Learning Outcomes

Upon successful completion of this course, a student will be able to:

1. demonstrate a good knowledge of the SDGs,
2. explain the measurement and analysis issues,
3. evaluate the role of markets, governments and international institutions in achieving the SDGs,
4. recognise synergies and trade-offs in policy considerations,
5. discuss the tension between equity and efficiency considerations,
6. express the new related terminology.

Course Materials

Textbook(s):

Mochizuki, Yoko, 2017, *Textbooks for Sustainable Development-A guide to Embedding*, United Nations Educational, Scientific and Cultural Organization - Mahatma Gandhi Institute of Education for Peace and Sustainable Development (UNESCO MGIEP).

Grubb, M., J-C. Hourcade and K. Neuhoﬀ, 2014, *Planetary Economics: Energy, climate change and three domains of sustainable development*, Routledge, New York.

Recommended Readings:

Debreu, G. 1959, *Theory of Value: An axiomatic analysis of economic equilibrium*, Cowles Foundation for Research in Economics, Yale University Press.

Carney, M. 2021, *Value(s): Building a better world for all*, William Collins, London.

Ray, Debraj, 2015, *Development Economics*, Princeton University Press, Princeton, NJ.

Rogers, P.P., K.F. Jalal and J.A. Boyd, 2008, *An Introduction to Sustainable Development*, Earthscan, UK.

Soubbotina, T.P. 2004, *Beyond Economic Growth: An introduction to sustainable development*, The International Bank for Reconstruction and Development/The World Bank, Washington DC.

Supplementary Materials:

Reports published by UN, UNDP, IBRD, OECD, IEA

Social Media Accounts of UN, UNDP, IBRD, OECD, IEA

Student Workload (Total 180 Hours)

<i>Course Readings</i>	<i>42 hrs</i>
<i>Debate</i>	<i>60 hrs</i>
<i>Exams and quizzes</i>	<i>36 hrs</i>
<i>Lectures</i>	<i>42 hrs</i>
<i>Total workload</i>	<i>180 hrs</i>

Planned Learning Activities and Teaching Methods

Brainstorming

Discussions/Debates

Oral Presentations / Reports

Predict-Observe-Explain

Questioning

Reading

Simulations and Games

Telling / Explaining

Web Searching

ASSESSMENT METHODS

Exam(s)

There will be one midterm and one final exam.

Short pop-quizzes will be delivered occasionally

Assignment(s)

Each student group (3 students maximum) will choose one favourite SDG to work on.

In Class Activities:

- 1) Each group will present their homework on their SDG in class and open up the debate.
- 2) Active participation by all students to the debate will be encouraged.
- 3) A public goods game will be introduced and implemented in class.
- 4) Lectures and social media presentations will be relatively short.

Project(s) / Report(s):

Each group will present a three page written report on their selected SDG. The report will cover measurement issues, interactions with other SDGs, the policy tools in light of one example case study.

GRADING

The course grade will be based on the following:

	<u>Weight</u>
Midterm and final	% 50
Case studies / homework	% 20
Debate	% 20
Game scores	% 10
Total	%100

COURSE POLICIES

Professionalism

includes regular attendance in class, timely completion of assignments, and active participation in all activities and discussions.

Plagiarism / Academic Dishonesty

This course adheres to the academic honesty policy. I expect that all work submitted and presented by you will be your own original work and that the contributions of others will be openly acknowledged. Failure to adhere to this policy will result in disciplinary action. For more information:

- Plagiarism is a form of dishonesty that occurs when a person passes off someone else's work as his or her own. This can range from failing to cite an author for ideas incorporated into a student's paper to cutting and pasting paragraphs from different websites to handing in a paper downloaded from the internet. All are plagiarism.
- All parties to plagiarism are considered equally guilty. If you share your coursework with another student and s/he plagiarizes it, you are considered



as guilty as the one who has plagiarized your work since you enabled the plagiarism to take place. Under no circumstances should a student make his/her coursework available to another student unless the instructor gives explicit permission for this to happen. Copying someone's work is an extreme and straightforward act of plagiarism. More commonly, however, students plagiarize without realizing they are doing so. This generally happens when a student fails to acknowledge the source of an idea or phrasing. Avoid plagiarism by citing sources properly! For all rules and requirements of APA citations, please consult the 7th edition of the Publication Manual of the American Psychological Association.

- c. Read the academic honesty contract (<https://student.tedu.edu.tr/en/student/principles-of-academic-integrity>). By signing this contract, you certify that you have read, understood and complied to agree with all rules and regulations of academic honesty.

Cheating

You may neither receive help from nor give help to others during an in-class exam. During exams, you may not leave the room, talk, or use dictionaries, translators, cell phones or programmable calculators. And please keep your eyes on your own work.

Attendance

This course requires your regular participation, attendance, and punctuality. It is expected that you attend the class on a regular basis and be on time. It is your responsibility to keep in touch with me about the emergencies prior to class. The TEDU policy concerning attendance will be followed strictly.

Late Assignment Submission Policy

Each assignment is to be turned in on time. Arrangements for accepting late assignments will be made only in unusual circumstances (e.g., major illness), and only if you are able to provide documentation to support your excuse. In all other cases, there will be a 10% point-reduction per day for late work, and the assignment will not be accepted after three days late.

Extra Credit

There is no rewriting or extra credit offered in this course.



Class Participation

Class participation is an integral part of this course. Classes may involve watching movies, reading, questioning, discussions/debates, video presentations, field trips, observation, reflection, demonstrating, poster presentations, hands-on work, group work, collaborating, educational games, problem solving, library/web research projects, class presentations, and written assignments.

Class Readings

Please read the assigned readings prior to class so that you may participate fully in the course discussions.

Announcements

All announcements will be made on the Moodle site for this course. It is your responsibility to keep your e-mail address operative all times. Check your e-mails regularly in order to stay informed.



PLANNED COURSE SCHEDULE

Week	Date	Topic	Reading
1		Sustainable Development Goals	Mochizuki, pp 1-14
2		Environmental, social and economic sustainability	Mochizuki, pp 14-16
3		Measurement issues	Mochizuki, pp 37-48, OECD, IBRD, UNDP
4		Education for sustainable development	Mochizuki, pp 17-33
5		Markets and finance for sustainable development, impact investing	Debreu, Carney, OECD
6		Governments for sustainable development	OECD, UNDP, IEA
7		International cooperation for sustainable development	UN, UNDP, OECD, IBRD, IEA
8		Technology for sustainable development	OECD, IEA
9		Energy and climate goals	Grubb et al.
10		Planetary economics: The problem	Grubb et al.
11		Planetary economics: The targets	Grubb et al., IEA
12		Planetary economics: The solutions	Grubb et al., IEA
14		Inclusive growth - Equity versus efficiency	OECD, G20, IBRD, IEA
15		Can we achieve Agenda 2030 in the remaining nine years?	UN, OECD, IEA