COURSE SYLLABUS AND COURSE REQUIREMENTS
ACADEMIC YEAR 2022/23 SPRING SEMESTER

Course title	*English for Environmental Protection*
Course Code	SZE077AN
Hours/Week:	2 seminars
Credits	2
Degree Programme	all
Study Mode	*full time*
Requirements	final course grade
Teaching Period	spring
Prerequisites	B1 and above
Department(s)	Centre for Foreign Languages for Technical Purposes
Course Director	Julia Torok
Teaching Staff	*Julia Torok*

COURSE DESCRIPTION

English for Environmental Protection is a course designed for architecture and engineering students with intermediate knowledge of English. This course will focus on a selection of topics related to environmental protection, including climate change, energy resources, waste management, water management, sustainable transportation, and sustainable construction technologies. The course will utilize articles and videos as input materials, and students will be given individual tasks and will also work in groups. At the end of the course, students will give a presentation on an environmental problem in their own country. The course is designed to help students improve their English language skills while learning about important environmental issues.

SYLLABUS

1. GOALS AND OBJECTIVES

The goals of the course are

to provide architecture and engineering students with intermediate knowledge of English with a deeper understanding of various environmental protection topics such as climate change, energy resources, waste management, water management, sustainable transportation, and sustainable construction technologies,

to improve students' English language comprehension skills through the use of articles and videos as input materials,

to give students the opportunity to work on individual tasks as well as in groups,

to help students develop the ability to present an environmental problem in their own country and

to create an awareness of environmental issues and promote sustainable practices.

2. COURSE CONTENT

	TOPICS
PRACTICE	1. Placement test 2. Natural systems, biodiversity Human activity and sustainability Climate change 3. Energy resources – renewables and non-renewables 4. Energy resources – current problems and solutions 5. Sustainable architecture: passive solar design and green design solutions 6. Green construction technologies 7. Building engineering services – energy efficient solutions 8. Waste management Waste disposal Hazardous waste 9. Spring holiday 10. Recycling and repurposing 11. Water use and pollution Water management Water quality 12. Sustainable transportation Energy efficient vehicles 13. Sustainable production and consumption 14. Presentations 15. Presentations

DETAILED SYLLABUS AND COURSE SCHEDULE

PRACTICE, LABORATORY PRACTICE

week	**Topic**	**Compulsory reading**	**Required tasks**	**Completion date, due date**
1.	Placement test		https://forms.gle/fSD9nJAiocCwXwUR8	14 February
2.	Introduction to the course Natural systems, biodiversity Human activity and sustainability Climate change	Environmental issues and useful expressions (handout) Biodiversity, biosphere – definitions (handout) How to become a biodiversity-conscious customer (article and questions in handout) https://www.bbcearth.com/news/how-to-become-a-biodiversity-conscious-consumer	Fairborne – a village in Wales (video + questions) home assignment	21 February
3.	Energy resources – renewables and non-renewables	Types of renewable energy: https://education.nationalgeographic.org/resource/renewable-resources https://education.nationalgeographic.org/resource/renewable-energy	In-class assignment: completing a table using information from the NatGeo articles Home assignment: non-renewable energy	21 February 28 February
4.	Energy resources – current problems and solutions	Energy transformation (Samsung infographic – discussion) 7 ways to save energy (Infographic – discussion)	City of Heat (Reading comprehension)	7 March
5.	5. Sustainable architecture: passive solar design and green design solutions	Energy efficient home design worksheet	Words and definitions	14 March
6.	Green construction technologies	Modular homes (handout: links to videos and questions) What does the future of sustainable buildings look like? https://www.ny-engineers.com/blog/what-does-the-future-of-sustainable-building-look-like-in-2023	Homework: The future of cities (Reading comprehension)	21 March

7.	Building engineering services – energy efficient solutions	Heat pumps: how do they work? (Handout: article and questions)	Words and definitions	28 March
8.	Waste management Waste disposal Hazardous waste	Total waste treatment in the EU in 2020 https://www.statista.com/statistics/1341013/european-union-total-waste-treatment-shares-by-method/ Electronic and electrical waste in the EU (infographic)	**Presentation slides to be submitted (through Teams Assignment)**	**11 April**
9.	Spring holiday			
10.	Recycling and repurposing	What happens to rubbish https://cleanstreets.westminster.gov.uk/wp-content/uploads/Infographic-Main_3.gif	Waste management in your country	18 April
11.	Water use and pollution Water management Water quality	Water articles (handout) Vanishing glaciers (handout with link to video and questions)	Water articles summary	25 April
12.	Sustainable transportation Energy efficient vehicles	What are the most effective ways to get cars out of cities? (article with exercises) Copenhagenisation (handout with link to video and questions)	The Scandinavian-Mediterranean corridor (video and questions)	2 May
13.	Sustainable production and consumption	Ecological footprint calculator https://www.footprintcalculator.org/home/en Sustainable agriculture (handout with article, link to video and questions)	Making the recommended changes to the final presentation slides	9 May
14.	Presentations	Scheduled presentations to be delivered		
15.	Presentations	Scheduled presentations to be delivered		

3. ASSESSMENT AND EVALUATION

ATTENDANCE

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description.

Method for monitoring attendance

Attendance sheet

ASSESSMENT

Course resulting in mid-term grade *(PTE TVSz 40§(3))*

Mid-term assessments, performance evaluation and their ratio in the final grade *(The samples in the table to be deleted.)*

Type	Assessment	Ratio in the final grade
Assignments		*35%*
Presentation		*35%*
Class attendance and participation		*30%*

Re-take exam and late assignment submission procedure and assessment

Assignments are to be completed by the deadline. Late submissions will result in a 10% lower score.
The presentation slides must be submitted by the deadline. Late submission will result in a 20% lower score.
A doctor's certificate is required if the presentation is not delivered in the scheduled class (Week 14 or 15) due to illness. In this case the presentation can be done after Week 15.

Grade calculation as a percentage

based on the aggregate performance according to the following table

Course grade	Performance in %
excellent (5)	85 % …
good (4)	70 % ... 84 %
satisfactory (3)	55 % ... 69 %
pass (2)	40 % ... 54 %
fail (1)	below 40 %

4. SPECIFIED LITERATURE

COMPULSORY READING AND AVAILABILITY

All course handouts are available in the Teams folder of the course (by week).