

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2022/2023 SEMESTER I

<i>Course title</i>	English for Sustainable Design
<i>Course Code</i>	SZE005AN
<i>Hours/Week: le/pr/lab</i>	2 hr/week
<i>Credits</i>	2
<i>Degree Programme</i>	All
<i>Study Mode</i>	Full time
<i>Requirements</i>	None
<i>Teaching Period</i>	2022/2023 I
<i>Prerequisites</i>	None
<i>Department(s)</i>	Centre for Foreign Languages for Technical Purposes
<i>Course Director</i>	Julia Török
<i>Teaching Staff</i>	Marcus Juby

COURSE DESCRIPTION

The course is designed for students with a higher-intermediate knowledge of English. The aim of the course is to introduce students to different aspects of sustainable design in English.

The course will cover human's impact on the environment especially in the field of energy, water, waste, housing and biodiversity. Students will be introduced to both traditional and alternative solutions to enable them to expand their options for future design work. The course is open to all students who are interested in a sustainable future through good design.

SYLLABUS

1. GOALS AND OBJECTIVES

The course will cover human's impact on the environment especially in the field of energy, water, waste, housing and biodiversity. Students will be introduced to both traditional and alternative solutions to enable them to expand their options for future design work. The course is open to all students who are interested in a sustainable future through good design.

Objectives:

- Students learn the key concepts of sustainability in English and how they can incorporate these concepts into their life and work.

Generic learning outcomes:

The course will focus on:

- reading and understanding a range of authentic texts
- listening to lectures, presentations and interviews
- learning and using academic vocabulary in the field of sustainable design
- learning key concepts in ecological design, natural construction, water, waste, biodiversity and communities

2. COURSE CONTENT

TOPICS

LECTURE

1. State of the environment - Carbon footprints
2. Energy resources and consumption
3. Eco-building design – vernacular buildings
4. Eco-building design – tiny houses and strawbale houses
5. Water – the driving force of nature
6. Sustainable design principles – permaculture
7. Ecosystems, soil as a resource and preserving biodiversity
8. Consumption and minimalism
9. Eco communities

DETAILED SYLLABUS AND COURSE SCHEDULE

ACADEMIC HOLIDAYS INCLUDED

LECTURE

week	Topic	Compulsory reading; page number	Required tasks (assignments, tests, etc.)	Completion date, due date
1.	Registration			
2.	State of the environment, eco-footprint	Teams/Moodle		
3.	Energy resources and consumption	Teams/Moodle		
4.	Nature based buildings – vernacular buildings	Teams/Moodle		
5.	Nature based buildings – strawbale	Teams/Moodle		
6.	Water – the driving force of nature	Teams/Moodle		
7.	Sustainable Design Principles – Permaculture	Teams/Moodle		
8.	Ecosystems, soil and biodiversity	Teams/Moodle		
9.	Autumn Break	Teams/Moodle		
10.	Consumption, waste management	Teams/Moodle		
11.	Project work	Teams/Moodle		
12.	Final Test	Teams/Moodle		Week 12
13.	Eco-communities	Teams/Moodle		
14.	Presentations			Week 14
15.	Presentations			Week 15

Important: All material will be uploaded to Teams

3. ASSESSMENT AND EVALUATION

(Neptun: Instruction/Subjects/Subject Details/Syllabus/Examination and Evaluation System)

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 or does not participate effectively in groupwork.

Method for monitoring attendance (e.g.: attendance sheet / online test/ register, etc.)

Register

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
Class attendance and submission of homework	10 points	10 %
Test	45 points	45 %
Presentation in two final weeks	45 points	45 %
Total		100%

Opportunity and procedure for re-takes (PTE TVSz 47§(4))

There will be the chance to resit the test in week 16. Contact the teacher if you would like to request an extension for late submission of assignments.

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 % ... 85 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 55 %
fail (1)	below 40 %

The lower limit given at each grade belongs to that grade.

4. SPECIFIED LITERATURE

COMPULSORY READING AND AVAILABILITY

[1.] Unless otherwise notified all course materials and links will be uploaded to MS-Teams and Moodle

RECOMMENDED LITERATURE AND AVAILABILITY

[2.] Sofie Pelsmakers: 2019, The Environmental Design Pocketbook (Riba Publishing)