

## COURSE SYLLABUS AND COURSE REQUIREMENTS

### ACADEMIC YEAR 2023/24 SPRING SEMESTER

<i>Course title</i>	<i>English for Architecture and Civil Engineering</i>
<i>Course Code</i>	SZE002AN
<i>Hours/Week:</i>	2 seminars
<i>Credits</i>	2
<i>Degree Programme</i>	all
<i>Study Mode</i>	<i>full time</i>
<i>Requirements</i>	final course grade
<i>Teaching Period</i>	spring
<i>Prerequisites</i>	placement test/ intermediate English
<i>Department(s)</i>	Centre for Foreign Languages for Technical Purposes
<i>Course Director</i>	Julia Torok
<i>Teaching Staff</i>	<i>Julia Torok</i>

## COURSE DESCRIPTION

The course is for architecture and civil engineering students with an intermediate or higher level of English proficiency. A selection of articles, texts, videos and online resources is discussed. Vocabulary and skills development (reading, writing, speaking and listening).

Students will study and practice effective presentation skills and give an end-of-term presentation on an architectural project of their choice. The course involves individual work, frequent group work and Moodle tasks. Students are expected to keep up to date with the homework and home assignments.

## SYLLABUS

### 1. GOALS AND OBJECTIVES

The course is designed to develop spoken and written language proficiency in the context of architecture and civil engineering. The purpose of the course is to enable architecture and civil engineering students to use English efficiently and fluently in the course of their academic studies and later in their professional career. It develops all language skills through interaction and task-based work.

By the end of the course students will be able to discuss topics related to the key phases of architectural design and construction projects in speaking and writing and to give presentations about such projects or certain aspects of these projects.

## 2. COURSE CONTENT

### TOPICS

<b>PRACTICE</b>	<ol style="list-style-type: none"> <li>1. Placement test</li> <li>2. Professions related to architecture and civil engineering Services provided by architectural and construction companies</li> <li>3. Architectural design and the construction process</li> <li>4. Structural design</li> <li>5. Traditional and modern construction materials</li> <li>6. Traditional and contemporary architecture</li> <li>7. Sustainable homes and buildings</li> <li>8. Conservation of built heritage</li> <li>9. Design and construction failures</li> <li>10. Urban design and development</li> <li>11. Accessibility</li> <li>12. Presentations</li> </ol>
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## DETAILED SYLLABUS AND COURSE SCHEDULE

### PRACTICE

Week	Topic	Compulsory reading	Required tasks	Due date
1.	Placement test		<a href="https://forms.gle/5V81ebF9HRwUBqpa8">https://forms.gle/5V81ebF9HRwUBqpa8</a>	12 February
2.	Professions related to architecture and civil engineering Services provided by architectural and construction companies	Reading: Architectural Services (Moodle)	Architectural Services: Matching Pictures (Moodle) Architectural Services: Matching Definitions (Moodle) Unit 1 Moodle Glossary Teams: Company description (15 points) 26 Moodle points	19 February
3.	Architectural design and the construction process	In-Class Speaking Task: Company Profile (Moodle) Phases of design and construction and the architect's role in each phase (Moodle)	Architectural Site Analysis Video Summary (Moodle) Steps in the Home Building Process (Moodle) Unit 2 Moodle Glossary 29 Moodle points	26 February
4.	Structural design	In-Class Speaking Task: Site Analysis (Teams Assignment) Structural Elements: Images (Moodle) Structural Elements (Moodle) Roof Types (Moodle)	The exoskeleton structure of 30 St Mary Axe (Moodle) Unit 3 Moodle Glossary  19 Moodle points	4 March

5.	Traditional and modern construction materials	Construction materials multiple choice quiz (Moodle) The world's largest timber buildings – listening (Moodle)	An interesting construction material (Writing and speaking task, Teams) Unit 4 Moodle Glossary 30 Moodle points 15 Teams points	11 March
6.	Traditional and contemporary architecture	Residential styles in the US (Moodle) Architectural styles – cathedrals (Moodle)	A common residential building type in your country (Teams assignment) Unit 5 Moodle Glossary 15 Teams points 10 Moodle points	18 March
7.	Sustainable homes and buildings	The basic tenets of green architecture (Moodle) Retrofitting (Moodle)	Zero net energy home – listening (Moodle) Unit 6 Moodle Glossary  20 Moodle points  <b>End-of-term presentation slides (to be submitted through the Teams Assignment)</b>	25 March
8.	Conservation of built heritage	Built heritage at risk (Moodle) World Heritage explained (Moodle) The Nubian Monuments (Moodle)	A built heritage site in your country (Teams assignment) Unit 7 Moodle Glossary  21 Moodle points 15 Teams points	8 April
9.	<b>Spring holiday – no class</b>			<b>1 April</b>
10.	Urban design and development	Eco-towns (Moodle) Elmsbrook, NW-Bicester (Moodle)	Glossary 8 Moodle Glossary	15 April
11.	Design and construction failures	Top 10 construction and design failures (Moodle)	A construction or design failure in your country (Teams assignment) Unit 9 Moodle Glossary  10 Moodle points 15 Teams points	22 April
12.	Controversial urban architecture Accessibility	Controversial Urban Architecture (English for Architecture and Civil Engineering pp 69-74) Accessibility and usability of the built environment (Moodle)	Controversial architecture in your country (Teams assignment) Unit 10 Moodle Glossary Unit 11 Moodle Glossary 21 Moodle points	29 April
13.	Presentations	Students' presentations		29 April
14.	Presentations	Students' presentations		6 May

### 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**

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#### ***Course resulting in mid-term grade***

#### ***Mid-term assessments, performance evaluation and their ratio in the final grade***

Type	Assessment	Ratio in the final grade
<i>Moodle tasks and Teams assignments</i>	<i>260 points</i>	<i>54%</i>
<i>Presentation</i>	<i>100 points</i>	<i>21%</i>
<i>Class attendance and participation</i>	<i>12 x 10 points=120</i>	<i>25%</i>

#### ***Re-take exam and late assignment submission procedure and assessment***

Moodle 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 due to illness. In this case the presentation can be done after Week 15.

#### ***Grade calculation***

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**

- [1.] Julia Török: English for Architecture and Civil Engineering Coursebook (PDF in Teams Folder)
- [2.] English for Architecture and Civil Engineering - Moodle Tasks

#### **RECOMMENDED LITERATURE AND AVAILABILITY**

- [1.] Sharon Heidenreich: English for Architects and Civil Engineers Springer 2016 (ebook or physical book): <https://link.springer.com/book/10.1007/978-3-658-13954-4>