

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2022/2023 SEMESTER 2

<i>Course title</i>	<i>Introduction to English for Technical Studies - Speaking</i>
<i>Course Code</i>	SZE022AN
<i>Hours/Week: le/pr/lab</i>	2
<i>Credits</i>	2
<i>Degree Programme</i>	all
<i>Study Mode</i>	full time
<i>Requirements</i>	course grade
<i>Teaching Period</i>	autumn /spring
<i>Prerequisites</i>	Placement test
<i>Department</i>	Department of Foreign Languages for Technical Purposes
<i>Course Director</i>	Julia Török
<i>Teaching Staff</i>	Julia Török

COURSE DESCRIPTION

The course is designed for students attending engineering higher education. It requires a lower-intermediate knowledge of English. This course bridges the gap between general and academic English and introduces students to the principles of effective spoken communication. The selection of materials focuses on the needs of students in engineering higher education. The course features thought-provoking topics with several articles and videos on the latest developments in technology and engineering. These texts are used as resources for academic and technical vocabulary and starting points for debates and projects. Students will have individual tasks but they will also work in pairs or teams.

SYLLABUS

1. GOALS AND OBJECTIVES

The aim of the course is to develop spoken language proficiency in the context of academic topics relevant to students studying engineering and architecture.

The main objectives of the course are to develop the following skills:

- practising active listening and comprehension of technical texts,
- debating and presenting technical topics including slide design,
- analysing visual information,
- group work and collaboration skills,
- developing strategies to avoid plagiarism.

2. COURSE CONTENT

TOPICS

PRACTICE	1	Placement test
	2	Changing cities: green cities (listening comprehension, note taking, discussion)
	3	Changing cities: smart cities (reading, listening, note taking, discussion)
	4	Energy storage solutions (explaining how things work, comparing and contrasting, arguing)
	5	Autonomous vehicles (understanding and explaining how things work)
	6	March 15 – national holiday (no class)
	7	The latest developments in car manufacturing (infographic)
	8	First presentation
	9	Spring holiday
	10	Biofuels (discussing pros and cons)
	11	Cyber security (addressing problems, advising)
	12	Biomedical Engineering Robotic prosthetics (developing research skills, finding information online)
	13	Cutting edge buildings: engineering and architecture (developing team-working skills)
	14	Technological advances, technologies of the future
	15	Second presentation

DETAILED SYLLABUS AND COURSE SCHEDULE

PRACTICE

week	Topic	Compulsory reading; page	Required tasks	Deadline
1.	Placement test		https://forms.gle/vuy3wZQsAsWkuUKz5	15 February
2.	Changing cities: green cities (listening comprehension, note taking, discussion)	Masdar City handout (link to the video, questions, handout) Masdar City vocabulary (handout)	Assignment: a green city project (information sheet)	22 February
3.	Changing cities: smart cities (reading, listening, note taking, discussion)	Cisco: What is a smart city? (handout)		1 March
4.	Energy storage solutions (explaining how things work, comparing and contrasting, arguing)	Six promising energy storage options (handout)	Assignment: Driverless cars (reading comprehension)	8 March
5.	Autonomous vehicles (understanding and explaining how things work) The future of transport	Super speed, magnetic levitation and the vision behind the Hyperloop (TED Speech + questions) Hyperloop article and questions	Autonomous cars: in-class assignment Slides for Presentation 1 to be submitted	22 March
6.	National holiday (no class)			
7.	The latest developments in car manufacturing (infographic)	Tesla Gigafactory (handout with link to video and questions)		29 March
8.	Presentation 1			
9.	Spring holiday			

10.	Biofuels (discussing pros and cons)	Biofuels: pros and cons (handout) Biofuels in Germany (handout with link to video and questions) Biomass and biofuels (handout)	Assignment: Cybersecurity	19 April
11.	Cyber security (addressing problems, advising)	Colonial hacking – matching the headings (handout) Colonial hacking (questions and glossary) The top ten password cracking techniques (handout)	Slides for Presentation 2 are to be submitted	26 April
12.	Biomedical Engineering Robotic prosthetics (developing research skills, finding information online)	Medical robots that are changing the world (handout) Robotic arm (handout) Biomedical engineers (handout)	Assignment: cutting edge housing	3 May
13.	Cutting edge buildings: engineering and architecture (developing team-working skills)	Paving the way for greener architecture (reading comprehension)	Cashless society (reading comprehension)	10 May
14.	Technological advances, technologies of the future	Rimac Technology (handout) EElume a snake robot (article with questions)		
15.	Presentation 2			

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 a 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

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

Type	Assessment	Ratio in the final grade
<i>first presentation</i>		25 %
<i>second presentation</i>		25 %
<i>assignments</i>		20 %
<i>class attendance and participation</i>		30 %

Re-take exam and late assignment submission procedure and assessment

For passing the course students are required to submit their PPTs, deliver their presentations and complete the assignments throughout the semester. Late submissions will result in a deduction of 10% of the maximum mark available (except in the case of an illness or other serious or significant event which does not make it possible for students to complete an assignment).

Grade calculation as a percentage

Course grade	Performance in %
excellent (5)	85 % ...
good (4)	71 % ... 84 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 54 %
fail (1)	below 40 %

4. SPECIFIED LITERATURE

COMPULSORY READING

Articles and videos specified in the detailed syllabus (all materials to be found in the Teams folder by week)