

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2022/2023 SEMESTER II

<i>Course title</i>	<i>Introduction to English for Electrical Engineering</i>
<i>Course Code</i>	SZE008AN
<i>Hours/Week: le/pr/lab</i>	2 seminars
<i>Credits</i>	2
<i>Degree Programme</i>	all
<i>Study Mode</i>	full time
<i>Requirements</i>	mid-term grade
<i>Teaching Period</i>	autumn/spring
<i>Prerequisites</i>	placement test
<i>Department(s)</i>	Centre for Foreign Languages for Technical Purposes
<i>Course Director</i>	Török Júlia
<i>Teaching Staff</i>	Varga Andrea

COURSE DESCRIPTION

This course is mainly aimed at students interested in electrical engineering with a language level approaching pre-intermediate (B1+). The course develops all four language skills through the context of the language of electrical engineering. Throughout the semester, students will be briefly introduced to the most important aspects of presentation preparation, and the course will conclude with student presentations.

SYLLABUS

1. GOALS AND OBJECTIVES

The aim of the course is to provide students studying electrical engineering with a solid foreign language foundation, to improve their written and oral communication skills, and to expand their professional vocabulary in foreign languages.

2. COURSE CONTENT

To develop oral and written language skills specific to the field of electrical engineering (listening comprehension, information exchange, presentation, reading comprehension, short composition) for students with an approximate intermediate level of English (B1+). The course includes a student presentation on a selection of topics covered during the semester.

TOPICS**PRACTICE**

1. The electrical engineering profession
2. Electric & magnetic circuits
3. Computers & televisions
4. Control systems
5. Telecommunications
6. Signal processing
7. History of electrical engineering
8. Electric power generation
9. Electric cars

DETAILED SYLLABUS AND COURSE SCHEDULE

ACADEMIC HOLIDAYS INCLUDED

PRACTICE, LABORATORY PRACTICE

<i>week</i>	Topic	Compulsory reading; page number (from ... to ...)	Required tasks (assignments, tests, etc.)	Completion date, due date
1.	Orientation; Placement test			
2.	The electrical engineering profession - intro	*[1] EEE pp.6-8	*[2] Electronics Unit 1	Week 14
3.	Electrical engineering profession	[1] EEE pp.6-8; [3] pp.1-7	[2] Electronics Unit 2	Week 14
4.	Electric & magnetic circuits	[1] EEE pp.22-25	[2] Electronics Unit 3	Week 14
5.	Computers & televisions	[1] EEE pp.32-33; 38-41	[2] Electronics Unit 4	Week 14
6.	Control systems	[1] EEE pp.46-52	[2] Electronics Unit 5	Week 14
7.	Telecommunications	[1] EEE pp.62-65	[2] Electronics Unit 6	Week 14
8.	Presentation - theory	shared material	[2] Electronics Unit 7	Week 14
9.	SPRING BREAK			
10.	Signal processing	[1] EEE pp.70-77	[2] Electronics Unit 8	Week 14
11.	History of electrical engineering	[1] EEE pp.16-22	[2] Electronics Unit 9	Week 14
12.	Electric power generation	[1] EEE pp.54-59	[2] Electronics Unit 10	Week 14
13.	Electric cars	[1] EEE pp.78-85	[2] Electronics Unit 11	Week 14
14.	Student presentations		delivery of presentations	
15.	Final test		Writing the final test	

*see compulsory reading

3. ASSESSMENT AND EVALUATION

ATTENDANCE

Attendance is required for all classes and will impact the grade. Unexcused absences will adversely affect the grade, and absences from more than 30% of the total number of lessons will be grounds for failing the class. Punctual attendance for the whole lesson is required and arriving more than 20 minutes late will be counted as an absence.

Method for monitoring attendance

attendance sheet

ASSESSMENT

To complete the course students are required to submit their PPTs in due time and deliver their presentations during the 15 week semester (no presentation can be delivered in the exam period) and to pass the midterm/final test with at least 40%. Homework assignments are optional, but their content is part of the final examination and they count for 10% of the final course grade.

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
<i>Test 1</i>	<i>max 100 points</i>	<i>45 %</i>
<i>Presentation</i>	<i>max 100 points</i>	<i>45 %</i>
<i>Home assignments</i>	<i>max 100 points</i>	<i>10 %</i>

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

The test may be re-taken once during the first two weeks of the examination period. In the case of re-take, the result of the re-sit test will be taken into account together with the original mark in the calculation of the final course grade. Thus your final grade may also be lowered by writing a re-take.

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 %
average (3)	55 % ... 70 %
satisfactory (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.] R.H.C. Smith: English for Electrical Engineering in Higher Education Studies, Garnet Education
- [2.] Evans – Dooley – Taylor: Electronics, Express Publishing

RECOMMENDED LITERATURE AND AVAILABILITY

- [3.] E.H. Glendinning: English_in_Electrical_Engineering and Electronics, Oxford University Press