

**COURSE DESCRIPTION AND COURSE REQUIREMENTS**  
**ACADEMIC YEAR 2020/2021 SPRING SEMESTER**

<i>Course name</i>	<i>Introduction to English for Electrical Engineering</i>
<i>Course Code</i>	<b>SZE008AN</b>
<i>Hours/Week</i>	<b>2 seminars</b>
<i>Credits</i>	<b>2</b>
<i>Degree Programme</i>	<b>All</b>
<i>Study Mode</i>	<b>Full time</b>
<i>Evaluation</i>	<b>Final course grade</b>
<i>Teaching Period</i>	<b>Autumn/Spring</b>
<i>Prerequisites</i>	<b>Placement test</b>
<i>Department</i>	<b>Centre for Foreign Languages for Technical Purposes</b>
<i>Teaching Staff</i>	<b>Andrea Varga</b>

**AIMS AND OBJECTIVES**

The course is designed for students with a lower intermediate knowledge of English (B1+). The aim of the course is to develop spoken (receptive, interactive and productive) and written (receptive and productive) language proficiency in the context of electrical engineering with topics including the basic notions, circuit theories, computers and power generation and distribution.

## CONTENT

### *Overview:*

A selection of online resources, documentaries and articles from the media is discussed. Students are required to give one presentation on a chosen topic relevant to the course material and their interest and will also be expected to evaluate the presentations of their peers. Students will improve their reading, writing and grammar skills. Extending specialist vocabulary will be the focus of the course.

### *Syllabus:*

1. Orientation
2. Placement Test; The electrical engineering profession – an introduction
3. Basic concepts: diodes, fuses, transistors
4. The history of electrical and electronic engineering I.
5. The history of electrical and electronic engineering II.
6. Electric and magnetic circuits
7. Computers
8. The television: from CRT to 3D
9. Telecommunications
10. Spring break
11. Electrical power generation, transmission and distribution I.
12. Electrical power generation, transmission and distribution II.
13. Electric cars I.
14. Electric cars II.
15. Student presentations

## REQUIREMENTS AND ASSESSMENT

### *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. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

### *Minimum Course Requirements, Assessment and Grading Policy:*

For passing the course students are required to submit their PPTs and deliver their presentations during the 15 week semester and to pass the midterm/final test.

If the course is taught online:

For passing the course students are required to submit their PPTs and deliver their presentations online during the 15-week semester and to submit the tasks on a regular basis. The presentation will account for 49% of the performance. The other 51% will be made up of the submitted assignments, short tests and quizzes. Assessment will be continuous on the basis of the submitted materials. Students failing to reach 50% of the latter part (but not lower than 25%) may submit some extra work in order to be given the credit points.

Students can retake missed or failed tests only once. They can also re-sit the test if they want to improve their mark. In the latter case the result of the re-sit will be taken into consideration when the final course grade is calculated.

### *Grading Scale:*

85 – 100%	5 (Excellent)
76 – 84%	4 (Good)
61 – 75%	3 (Average)
50 – 60%	2 (Poor)
0 – 49%	1 (Fail)

## COURSEBOOKS AND RECOMMENDED READING

- [1.] Materials uploaded to the Teams class folder
- [2.] Roger H. C. Smith, Terry Phillips: English for Electrical Engineering in Higher Education, Garnet Education, 2014
- [3.] Sopranzi, F.: Flash on English for Mechanics, Electronics and Technical Assistance, ELI
- [4.] Evans-Dooley-Taylor: Electronics, Express Publishing, 2012