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**ENGLISH LANGUAGE FOR  
ELECTRICAL ENGINEERS 3:  
HISTORY**

Elektrotehnički fakultet Univerziteta u Istočnom Sarajevu  
Akademska misao, Beograd

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HISTORY**

## **English Language for Electrical Engineers 3: History**

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# Table of Contents

PREFACE .....	12
PREDGOVOR.....	13
UNIT 1 .....	14
ELECTRICITY TRANSMISSION.....	14
History of Transmission .....	14
The Alternating Current Breakthrough .....	14
Universal Electric Power .....	15
How Electricity Transmission Works.....	16
Electric power lines.....	16
Grid Balancing.....	16
Why High Voltage?.....	17
Exercises.....	18
1. Answer the following questions.....	18
2. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	19
3. Write the descriptions of the modified nouns from the table.....	19
4. Rearrange the sentence parts to get correct sentences.....	20
5. Complete the text with the given words and expressions.....	21
UNIT 2 .....	23
A BRIEF HISTORY OF HYDROELECTRICITY .....	23
Water Power in Ancient Times .....	23
Water Mills in the Middle Ages .....	23
The Industrial Revolution and Hydropower.....	24
The Rise of Hydroelectricity .....	24
Hydroelectric Power in the UK.....	24
The Growth of Micro Hydroelectric Power.....	25
Tidal Power .....	25
Exercises.....	26
1. Answer the following questions.....	26
2. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	27
3. Write the descriptions of the modified nouns from the table.....	27
4. Rearrange the sentence parts to get correct sentences.....	27
5. Complete the text with the given words and expressions.....	28

UNIT 3 .....	30
HISTORY OF TELEPHONE .....	30
Exercises.....	32
1. Answer the following questions.....	32
2. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	32
3. Rearrange the sentence parts to get correct sentences.....	33
4. Connect the modifiers with the nouns, according to the way they have been used in the text and then explain/describe them. Use a dictionary or check online if necessary. ....	33
5. Complete the text with the given words and expressions.....	34
UNIT 4 .....	35
HISTORY OF FIBER OPTICS.....	35
Exercises.....	38
1. Answer the following questions.....	38
2. Match the years and names with the inventions.....	39
3. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	41
4. Write the descriptions of the modified nouns from the table.....	41
5. Complete the text with the given words and expressions.....	42
UNIT 5 .....	44
THE HISTORY AND DEVELOPMENT OF BATTERIES.....	44
How do batteries work?.....	45
Primary vs rechargeable batteries .....	45
First great leap forward: lithium-ion batteries .....	46
The second great leap forward: nano technology .....	46
Electric cars .....	47
Exercises.....	48
1. Answer the following questions.....	48
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	49
3. Write the descriptions of the modified nouns from the table.....	49
4. Rearrange the sentence parts to get correct sentences.....	50
5. Complete the text with the given words and expressions.....	50

UNIT 6 .....	53
THE HISTORY OF ELECTRIC MOTOR TECHNOLOGY:	
A JOURNEY THROUGH TIME .....	53
The Invention of the Electric Motor.....	53
The First Practical DC Motor .....	54
The First Generators and Electrification .....	54
Advanced Motor Technology - Air Gaps, Magnets and More .....	55
Brushless DC Motors Today .....	55
Exercises.....	56
1. Answer the following questions.....	56
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	57
3. Write the descriptions of the modified nouns from the table.....	57
4. Match the years and names with the inventions.....	58
5. Complete the text with the given words and expressions.....	58
UNIT 7 .....	61
A BRIEF HISTORY OF PROGRAMMING:	
WHY FUNCTIONAL PROGRAMMING MATTERS .....	61
The Early Days of Programming.....	61
The First High Level Languages .....	61
Next Generation Languages.....	62
Object-Oriented Programming .....	62
Wait, There's More? .....	63
Moving on to Functional Programming .....	63
The Future.....	64
Exercises.....	65
1. Answer the following questions.....	65
2. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	65
3. Write the descriptions of the modified nouns from the table.....	66
4. Rearrange the sentence parts to get correct sentences.....	66
5. Complete the text with the given words and expressions.....	67
UNIT 8 .....	69
A BRIEF HISTORY OF THE EARLY INTERNET.....	69
Packet switching and time sharing .....	69
ARPANET .....	70

A network of networks: The “Internet” arrives .....	71
Exercises.....	72
1. Answer the following questions.....	72
2. Explain/describe the following terms and expressions, on the basis of their use in the text. Use a dictionary or check online if necessary.....	72
3. Match the sentence fragments on the basis of the given years to make correct statements. ....	73
4. Write the descriptions of the modified nouns from the table.....	74
5. Complete the text with the given words and expressions.....	74
UNIT 9 .....	76
THE HISTORY OF THE INTEGRATED CIRCUIT .....	76
Early History of the Integrated Circuit .....	76
Invention of the IC .....	76
Development and Production.....	77
Exercises.....	79
1. Answer the following questions.....	79
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	80
3. Match the sentence fragments on the basis of the information from the text to make correct statements.....	80
4. Rearrange the sentence parts to get correct sentences.....	81
5. Complete the text with the given words and expressions.....	81
UNIT 10 .....	84
MICROPROCESSOR HISTORY AND BACKGROUND .....	84
In the beginning (sort of), there was Intel .....	84
Advanced Micro Devices (AMD) .....	85
Exercises.....	87
1. Answer the following questions.....	87
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	87
3. Write the descriptions of the modified nouns from the table.....	88
4. Rearrange the sentence parts to get correct sentences.....	88
5. Complete the text with the given words and expressions.....	89

UNIT 11 .....	92
A BRIEF HISTORY OF EMBEDDED SYSTEMS:	
COMPUTER HARDWARE AND SOFTWARE .....	92
Moore’s law (CPU power) .....	92
Kryder’s law (storage) .....	93
Keck’s law (fiber speed) .....	94
Nielsen’s law (user bandwidth).....	94
Better performance, same price .....	94
Exercises.....	95
1. Answer the following questions.....	95
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	96
3. Write the descriptions of the modified nouns from the table.....	96
4. Rearrange the sentence parts to get correct sentences.....	97
5. Complete the text with the given words and expressions.....	98
UNIT 12 .....	100
A BRIEF HISTORY OF EMBEDDED SYSTEMS: NETWORKING AND IOT .....	100
Networking: It all started with a phone .....	100
IoT: Automation and M2M .....	100
Embedded routine human jobs .....	101
Exercises.....	102
1. Answer the following questions.....	102
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	102
3. Write the descriptions of the modified nouns from the table.....	103
4. Rearrange the sentence parts to get correct sentences.....	103
5. Complete the text with the given words and expressions.....	104
UNIT 13 .....	106
A BRIEF HISTORY OF EMBEDDED SYSTEMS: CLOUD, DC AND SDN .....	106
Cloud Systems: The software in heaven .....	106
Zooming in: Datacenters.....	106
The SDN and NVF world.....	106
One large distributed computer system .....	107
Exercises.....	108
1. Answer the following questions.....	108



2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	108
3. Write the descriptions of the modified nouns from the table.....	109
4. Rearrange the sentence parts to get correct sentences.....	109
5. Complete the text with the given words and expressions.....	110
<b>UNIT 14</b> .....	<b>112</b>
<b>HISTORY AND ORIGINS OF MAGNETISM</b> .....	<b>112</b>
History of magnetism.....	112
Origin of magnetism .....	113
<b>Exercises</b> .....	<b>115</b>
1. Answer the following questions.....	115
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	116
3. Match the sentence fragments on the basis of the information from the text to make correct statements.....	116
4. Write the descriptions of the modified nouns from the table.....	117
5. Rearrange the sentence parts to get correct sentences.....	117
6. Complete the text with the given words and expressions.....	118
<b>UNIT 15</b> .....	<b>120</b>
<b>THE HISTORY OF DIGITALISIERUNG IN FIVE PHASES</b> .....	<b>120</b>
Phase One: Early Networking Utopias (1985 – 1995).....	120
Phase Two: Remediation (1995 – 2005) .....	121
Phase Three: Loss of Control (2005 – 2015) .....	121
Phase Four: The New Game (2015 – 2025).....	122
Phase Five: Restructuring (2025 – 3035) .....	123
<b>Exercises</b> .....	<b>124</b>
1. Answer the following questions.....	124
2. Explain/describe the following terms and expressions, on the basis of their use in the text.....	125
3. Write the descriptions of the modified nouns from the table.....	126
4. Rearrange the sentence parts to get correct sentences.....	126
5. Complete the text with the given words and expressions.....	127
<b>APPENDIX 1</b> .....	<b>129</b>
<b>Professional Writing Genres</b> .....	<b>129</b>
Reports.....	129

Instructions .....	130
Documentation .....	131
Manuals .....	131
Proposals.....	132
Presentations .....	132
APPENDIX 2 .....	134
Academic Writing Genres .....	134
Essays.....	134
Reports.....	135
Presentations .....	136
Case Studies .....	136
Research Proposals .....	137
APPENDIX 3 .....	138
Overview of Information Technology Knowledge and Skills Necessary for Contemporary Translation .....	138
Introduction .....	138
IT Knowledge and Skills Necessary for Contemporary Translation.....	139
APPENDIX 4 .....	147
Technical Translation and the Internet.....	147
Translation and Technical Translation .....	147
Computer-Assisted Translation.....	148
Internet as a Translation Resource .....	150
Internet as a Translation Tool .....	152
Usability, Accuracy and Practical Value of Online Translation Engines for Technical Translation .....	155
Conclusions .....	159
APPENDIX 5 .....	160
Use of ChatGPT in Technical Translation (English to Serbian and Vice Versa) ..	160
Comparison: ChatGPT vs. Google Translate .....	163
ANSWER KEY .....	164
LITERATURE.....	178
Sources of Textual Materials.....	178
Bibliography .....	181

# PREFACE

This textbook is primarily intended for students of the Faculty of Electrical Engineering at the University of East Sarajevo, as the main teaching material for the course English Language 3. The English Language 3 course is aimed at students who have already studied English as their first foreign language during primary and secondary education and whose knowledge of English is at levels B1 or B2, i.e., Intermediate or Upper-Intermediate. Students attend classes in this subject during the first semester of the second year of study, across all study programs. However, due to its content, this textbook can certainly also be used in English language instruction at other related technically-oriented faculties, particularly those focused on electrical engineering and computer science.

The textbook represents a kind of continuation of the textbooks for the courses English Language 1 and English Language 2, which is entirely logical, given that these three courses are taken consecutively during the first three semesters of study. It consists of fifteen teaching units, each covering the historical development of various phenomena crucial to the evolution and current importance of electrical engineering and computer science. These units are presented in the form of texts accompanied by corresponding exercises.

The texts in the textbook are authentic, written by native speakers and, when necessary, adapted and edited to meet instructional needs, goals, and purposes. The exercises that follow each text are designed not only to facilitate comprehension (both overall and through the emphasis on key elements and parts) but also to focus primarily on the acquisition, development, and reinforcement of vocabulary in the fields of electrical engineering and computer science, the understanding of language structures characteristic of texts in this domain (with special emphasis on noun compounds and collocations), the identification of certain sentence patterns typical of the discourse in electrical engineering and computer science, as well as the development of the ability to produce longer and shorter written texts on relevant topics.

At the end of the textbook, there are five appendices, which deal with professional and academic writing, as well as various aspects of translating technical texts.

# PREDGOVOR

Ovaj udžbenik namijenjen je prvenstveno studentima Elektrotehničkog fakulteta Univerziteta u Istočnom Sarajevu, kao osnovno nastavno sredstvo za predmet Engleski jezik 3. Kurs iz Engleskog jezika 3 usmjeren je na studente koji su već učili engleski jezik kao prvi strani jezik tokom osnovnog i srednjeg obrazovanja i čije poznavanje engleskog jezika je na nivoima B1 ili B2, odnosno Intermediate (srednji) ili Upper-Intermediate (viši srednji). Studenti pohađaju nastavu iz ovog predmeta tokom prvog semestra druge godine studija, na svim studijskim programima. Međutim, zahvaljujući sadržaju, ovaj udžbenik svoju upotrebu sasvim sigurno može naći i u nastavi engleskog jezika na drugim srodnim fakultetima tehničke orijentacije, prvenstveno onim koji su orijentisani prema elektrotehnici i računarstvu.

Udžbenik predstavlja svojevrsan nastavak udžbenika za predmet Engleski jezik 1 i Engleski jezik 2, što je potpuno logično, budući da je riječ o tri predmeta koja se, jedan za drugim, slušaju tokom prva tri semestra studija. Njegovu osnovu čini petnaest nastavnih jedinica, u okviru kojih se obrađuje istorijski razvoj različitih fenomena ključnih za razvoj i današnji značaj elektrotehnike i računarstva. One su predstavljene u formi tekstova i odgovarajućih vježbanja koja ih prate.

Tekstovi koji se nalaze u udžbeniku su autentični, pisani od strane izvornih govornika i, po potrebi, adaptirani i uređeni tako da odgovaraju nastavnim potrebama, ciljevima i namjenama. U vježbanjima koja nakon svakog od njih slijede se, osim pitanja koncipiranih i usmjerenih tako da se olakšava razumijevanje tekstova (kako u cjelini, tako i kroz naglašavanje njihovih najbitnijih elemenata i dijelova), akcenat primarno stavlja na usvajanje, razvijanje i utvrđivanje vokabulara iz oblasti elektrotehnike i računarstva, razumijevanje jezičkih struktura karakterističnih za tekstove iz ove oblasti (sa posebnim naglaskom na imeničkim složenicama i kolokacijama), identifikovanje određenih rečeničnih obrazaca koji su prisutni u diskursu elektrotehnike i računarstva, te razvijanje sposobnosti kreiranja dužih i kraćih tekstualnih cjelina na relevantne teme.

Na kraju udžbenika nalazi se pet dodataka, koji se bave profesionalnim i akademskim pisanjem, kao i različitim aspektima prevođenja tehničkih tekstova.