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**ENGLISH LANGUAGE FOR
ELECTRICAL ENGINEERS 4:
BRAVE NEW WORLD**

Elektrotehnički fakultet Univerziteta u Istočnom Sarajevu
Akademska misao, Beograd

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English Language for Electrical Engineers 4: Brave New World

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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 4. The English Language 4 course is aimed at students who have already studied English as their first foreign language during primary and secondary education and whose level of English proficiency corresponds to B1 or B2, i.e., Intermediate or Upper-Intermediate. Students attend classes in this subject during the second semester of the second year of study, across all study programs. However, due to its content, this textbook can also certainly be used in English language instruction at other related technically-oriented faculties, particularly those focused on electrical engineering and computer science.

The textbook serves as a continuation of the textbooks used in the courses English Language 1, English Language 2, and English Language 3. As these four courses are taken consecutively during the first four semesters of study, this textbook provides a kind of thematic closure to the areas covered in its predecessors. It consists of fifteen teaching units, each dealing with various contemporary phenomena that, in the fields of electrical engineering and computer science, characterize the modern world. These units are presented in the form of texts accompanied by corresponding exercises.

The texts included in the textbook are authentic, written by native speakers, and, when necessary, adapted and edited to meet instructional needs, goals, and purposes. The exercises following each text include not only questions designed to facilitate understanding of the texts (both in general and by emphasizing their most important elements and parts), but primarily focus on the acquisition, development, and reinforcement of vocabulary in the fields of electrical engineering and computer science; understanding of language structures characteristic of texts in these areas (with special emphasis on noun compounds and collocations); identification of specific sentence patterns typical of the discourse in electrical engineering and computer science; and the development of the ability to produce both shorter and longer written texts on relevant topics.

At the end of the textbook, there are three appendices that deal with digital content—first in terms of their potential use in the teaching and learning of English for Specific Purposes (ESP), and then through a more detailed overview of some relevant types of digital content and the steps necessary for their creation.

PREDGOVOR

Ovaj udžbenik namijenjen je prvenstveno studentima Elektrotehničkog fakulteta Univerziteta u Istočnom Sarajevu, kao osnovno nastavno sredstvo za predmet Engleski jezik 4. Kurs iz Engleskog jezika 4 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 drugog 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, Engleski jezik 2 i Engleski jezik 3 i, budući da je riječ o četiri predmeta koja se, jedan za drugim, slušaju tokom prva četiri semestra studija, donosi svojevrsno tematsko zaokruženje oblasti obrađenih u svojim prethodnicima. Njegovu osnovu čini petnaest nastavnih jedinica, u okviru kojih se obrađuju različiti savremeni fenomeni koji, u domenu elektrotehnike i računarstva, karakterišu svijet današnjice. 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 nalaze se tri dodatka koji se bave digitalnim sadržajima, najprije u smislu mogućnosti njihove upotrebe u sklopu nastave i izučavanja engleskog jezika za posebne namjene/engleskog jezika struke, a potom i kroz detaljniji prikaz nekih od relevantnih tipova digitalnih sadržaja i koraka potrebnih za njihovo kreiranje.