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ENGLISH LANGUAGE FOR ELECTRICAL ENGINEERS

1: GENERAL CONCEPTS

Elektrotehnički fakultet Univerziteta u Istočnom Sarajevu
Akademska misao

English Language for Electrical Engineers 1: General Concepts

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PREFACE

This textbook is primarily intended for the students of the Faculty of Electrical Engineering, University of East Sarajevo, as a primary teaching material for the subject English Language 1. The English Language 1 course is oriented towards the students who have already been learning English as the first foreign language during the primary and secondary education, and whose knowledge of English is at Intermediate or Upper-Intermediate level (B1 or B2). The students attend the lessons in this subject during the first semester of the first year of study, at all study programs. However, due to the content, this textbook can certainly be used in teaching English at other related faculties of technical orientation.

The textbook consists of fifteen teaching units, which, on the one hand, deal with various topics in the field of electrical engineering, presented in the form of texts and appropriate exercises that accompany them, while, on the other hand, consider the key areas of English grammar.

The texts in the textbook are authentic, written by native speakers and, if necessary, adapted and edited to suit the teaching needs, goals and purposes. The areas they cover range from the basic and general principles and laws of electrical engineering, through more specific and focused topics in this area to the consideration of modern technological achievements and current events. Each of the texts is accompanied by appropriate exercises. In the exercises, in addition to questions conceived and directed so that, through them, it is easier to understand the texts, both as a whole and by highlighting their most important elements and parts, the emphasis is primarily on the adoption and development of the vocabulary in electrical engineering, understanding of linguistic structures which characterise the discourse of electrical engineering (with special emphasis on noun compounds), identification of certain sentence patterns that occur in texts in the field of electrical engineering, and development of the ability to create longer and shorter textual units on relevant topics.

Regarding the grammar topics that are covered in the textbook, they primarily belong to the field of morphology, entering into the field of syntax only to the extent necessary for successful understanding, mastering and adoption of a particular teaching unit.

There are three appendices at the end of the textbook. The first of these is a list of irregular verbs, the second is devoted to the word formation in the English language, while the third deals with noun compounds.

PREDGOVOR

Ovaj udžbenik namijenjen je prvenstveno studentima Elektrotehničkog fakulteta Univerziteta u Istočnom Sarajevu, kao osnovno nastavno sredstvo za predmet Engleski jezik 1. Kurs iz Engleskog jezika 1 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 prve 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.

Udžbenik se sastoji od petnaest nastavnih jedinica, u okviru kojih se, s jedne strane, obrađuju različite teme iz oblasti elektrotehnike, predstavljene u formi tekstova i odgovarajućih vježbanja koja ih prate, dok se, s druge strane, razmatraju ključne oblasti gramatike engleskog jezika.

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. Oblasti koje obuhvataju kreću se u rasponu od osnovnih i načelnih postavki i zakonitosti elektrotehnike, preko specifičnijih i usmjerenijih tema iz ove oblasti do razmatranja savremenih tehnoloških postignuća i aktuelnosti. Svaki od tekstova prate odgovarajuća vježbanja. U vježbanjima se, osim pitanja koncipiranih i usmjerenih tako da se, kroz njih, 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, razumijevanje jezičkih struktura karakterističnih za diskurs elektrotehnike (sa posebnim naglaskom na imeničkim složenicama), identifikovanje određenih rečeničnih obrazaca koji su prisutni u tekstovima iz oblasti elektrotehnike, te razvijanje sposobnosti kreiranja dužih i kraćih tekstualnih cjelina na relevantne teme.

Što se tiče oblasti gramatike koje se obrađuju u udžbeniku, one su primarno iz oblasti morfologije, ograničeno zalazeći u područje sintakse samo u onoj mjeri u kojoj je to neophodno za uspješno razumijevanje, savladavanje i usvajanje određene nastavne jedinice.

Na kraju udžbenika nalaze se tri dodatka. U prvom od njih je lista nepravilnih glagola, drugi je posvećen tvorbi riječi u engleskom jeziku, dok se treći bavi imenskim složenicama.