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# TECHNICAL ENGLISH FOR ELECTRICAL ENGINEERS (TEEE)

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# TECHNICAL ENGEISH FOR



Technical Englis' for Linctrical Engineers

تأليف مينو عالمي، فرود لفرزا

طراحي جلد: الهه احمدي مياةا -

ناشر: مؤسسهٔ انتشارات علمی دارث م صلی شریف

چاپ اول: ۱۳۹۵ ۱۳۹۵ میکند

شمارگان: ۲۰۰ بها: ۲۵۰۰۰۰ ریال

حق چاپ برای مؤسسهٔ انتشارات علمی دانشگاه صنعتی شریف محفوظ است.

ISBN 97 - 34 - 208-159-2

شابک: ۲-۹۵۹-۸۰۲-۶۴-۸۷۹

ویرایش و آمادهسازی کتاب را مؤلفان انجام دادهاند.

تلفن: ۲۰۱۶-۶۶۱۶۴۰۷۰ داء ۱۳۱۲، ۶۶۰

موضوع: زبان انگلیسی - کتابهای قرالت - مهندسی برق.

موضوع: زبان انگلیسی - راهنمای آموزشی (عالی).

دفتر مركزى: خيابان أزادى- دانشگاه صنعتى شريف

دفتر فروش: ميدان انقلاب - خيابان شهيد منيري جاويد (ارديبهشت) - ساختمان بهمن - پلاک ۸۷ - طبقا چهاره واحد ۴۰۲ يست الكترونيكي: sharif.edu) يست الكترونيكي:

تلفن: ۶۶۴۰۵۱۳۲-۶۶۹۶۷۸۹۶ فروش اینترنتی: fardabook.com.

باددائست: واژونامه. أوانويسى: تكنيكال...

سرشناسه: مينو عالمي، ١٣٤٨. عنوان و نامپدیداور:

Technical English for Electrical Engineers

/ تأليف مينو عالمي، قروهر فرزانه، مشخصات نشر: تهران: دانشگاه صنعتی شریف، مؤسسهٔ انتشارات علمی

مشخصات ظاهري: ٣۶۶ ص.: مصور ، جدول.

شابك: 2-978-964-208

وضعيت فهرست تويسي: فيها. یادداشت: انگلیسی،

ردهبندی کنگره: ۱۳۹۴ PE۱۱۲۷ ۲۹۳۹مر ردهبندی دیویی: ۴۲۸/۶۴

شمارهٔ کتابشناسی ملی: ۲۱۰۸۸۹۱

شئاسة افزوده: فرزانه، فروهر، ۱۳۳۶.

شناسهٔ افزوده: Farzaneh, Frohar

### Technical English for Electrical Engineers (TEEE)

#### Preface

Academic textbooks vividly typify an important pedagogic genre in academic and professional settings. Additionally, academic textbooks contain a tremendous influence on academic milieu and serve as means to disseminate facts and developments in diverent disciplines. They can open up new avenues, and produce appealing new themes that merit a big effort. Ac demi textbooks usually address multiple audiences so that they are themselves to their disciplines in interesting ways, and underscore the relationship between disciplinary list of see and related social practices (Hyland, 2000).

Local educational institutions produce in-house English for Specific Purpose (FSP) in erials according to the curriculum policies designated and developed by the Ministry of Science, Research and reconology in Iran. To this end, this book aims to be used to the Iranian setting at the tertiary level for undergraduate students majoring in Electrical Engineering. Moreover, the style of English usage in this ESP textbook is American.

The features of TEEE are as follows:

#### Presentation

The field of Electrical Engineering and the English is too vast to have everything in one book, but has special focus on reading and vocabulary exercises. Examining just the presentation of the language does not seem adequate since investigating how the materials are sequenced and linked to previous texts, activities, and topics seems inevitable. In this ESP textbook, the units are comprehensive since they cover almost all electrical engineering themes and are cross-referenced. To grasp amply the reaning within a particular unit, students need to rever not preview the previous units. That is to say, the content recycles antinuously.

#### Content

Regarding the content of the te. 1000, it has both thematic organizations in which the primary are relevant and includes sufficient treatment of the target language areas necessary for the students. The principle organizing approach of this textbook is theme-based. In addition, the content is international and non-culture specific, which means it can be tailored much more easily. Concerning the frequency of vocabulary types, a tripartite classification of vocabulary, i.e. jargon, technical, and core, proposed by Chung and Nation (2003) was adopted in this book. The major reason found in the history of research for claiming the legitimacy of ESP has been the application of specific vocabulary. This claim can be verified by examining texts, which are of a specific nature and contain vocabulary related to the discipline in

question, viz, electrical engineering. It also needs to mention that most of the texts have been selected from recent articles in IEEE Spectrum.

#### Methodology

With regard to methodology, TEEE is learner-learning centered and activity-based, and has task-based orientation which are characteristics of special purpose language teaching in ESP. It can be claimed the methodology used in his book is communication oriented.

#### Reading Type

It contains sophisticated and knowle of best texts and articles that are adapted from various courses. Nearly every unit discusses specific aspects of electrical engineering.

#### Glossary

A separate glossary as proposed to one woven throughout the text, is important for locating terms quickly and easily. This book provides as a ganized glossary.

#### Authenticity

With regard to authenticity, ESP textbooks are expected to be selected from real-life texts that are not necessarily produced for language teaching. Tasks should encourage students to process texts as they may occur in the real world.

The material offers some practical information that facilitates more effective communication in the workplace. It can also support the development of instructional materials and/or courses for non-native English speakers seeking jobs in electrical engineering abroad. It copes at length with the target domains documented in the needs analysis and addresses the relevance of their significance for students' future job requirements. This book is recommended for a two-credit course at the sopho nore or junior level Electrical Engineering students.

It is hoped that the present book opens up in virtan avenues for teaching of electrical engineering as an E'r our in Iran. Like any other academic work, this book has sure violent flaws and the writers will appreciate and welcone the students', instructors', and material developers' constructive aggressions.

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January 2016

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