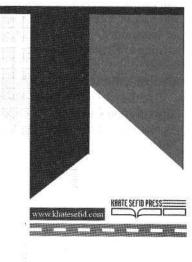


English for Electrical Engineering:

Power,
Electronic,
Communication,
& Control

Dara Tafazon M.A. Margarida Romero, Ph.D.

Technical Editor: Jalil Shirazi, Ph.D.



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Preface

The book "English for Electrical Engineering: Power, Electronic, Communication, & Control" presents simple, explicit and easy for learning English language for the undergraduate and graduate students of the Electrical Engineering in general and its sub-categories Power Engineering, Electronic Engineering, Communication Engineering and Control Engineering. Considerable emphasis is laid on the fundamentals concepts, principles and functions of various elements. The goal of this book is to introduce students to the basics of Electrical Engineering as well as basic general English. The undergraduate and graduate Electrical Engineering students at universities, colleges and technical schools can easily able to understand the principles and concepts.

Each unit of this volume consists of different sections; i.e. Speaking, Reading Comprehension, Vocabulary, Grammar, Writing, etc. The units are arranged in a graded series; the grading being based on the different branches of Electrical Engineering and level of the written language. The authors have attempted to take advantage of the latest Electrical Engineering authentic texts in different reliable websites as well as the most up-to-date electrical text-books. Moreover, we have tried to provide an opportunity for students to get familiar with the basics of speaking, reading comprehension and writing skills, and vocabulary, grammar, and pronunciation as well.

During the preparation of this book, many friends, colleagues, and students have made constructive suggestions and offered ideas and encouragement. They are too numerous to thank individually here. It is, nevertheless, appropriate to express my appreciation to them and to acknowledge their invaluable contributions. It is particularly fitting, however, to recognize the special contributions of friend and colleague, Mr. Hamid Haji Rahimi, Iran University of Science & Technology, for both his insightful critique of the first draft and his substantive and continuing contributions to the content of the book. Some of his expertise is written into the pages of that chapter; any deficiencies there are ours. There is no words to express our gratitude to Dr. Jalil Shirazi,

Assistant Professor, faculty member of Islamic Azad University, for his extreme knowledge in Electrical Engineering who accepted our invitation to be apart of this project. We are greatly indebted also to industry for providing many of the photographs and illustrations that the reader will find in these pages. Moreover, we would like to express my gratitude to Mr. Hossein Fooladi and Mrs. Fatemeh Jafari for their constructive suggestions. Finally, we must acknowledge the patience and support of our family and the administration, faculty, and staff of the Khate Sefid Press, who helped ease the pain and maximize the joys associated with the preparation of this work.

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