

PREFACE

Engineering in English is written to be mainly used by professors and lecturers for college-level English courses at bachelor's level for industrial, mechanical, civil and electrical engineering students. Much of the reading texts and listening practices of this book are adapted from Cambridge English for Engineering by Johnson (2008) and Professional English in Life Engineering by Johnson (2009) with an emphasis on varied content and genuine problem-solving issues. Other writings are taken from various sources such as the Oxford English for careers Technology for Engineering and Applied Science, Glendinning (2011), Oxford English for careers Engineering 2 by Ashby (2013) and Oxford English for careers Health for Engineers (2006). Specifically, this book focuses on both receptive and productive skills training and critical thinking ability of these groups of engineering students.

Engineering in English

By: Moloud Mohamadian

There are 2 main topics (reasons and outcomes) in the book which guides with understanding the main objectives and then presents practices related to the objectives. The book is not a definite handbook to reference of final outcome of each skill but it provides engineering skills and encourages the student to learn very well to be able to use it in their own way with objectives in their own order, although you have to remember that different practices of a skill may be related to each other and different practices of other skills. The book is designed to focus on:

• Engineering in English

• Introduction to engineering skills

• Engineering services and types

• Engineering in English

• Use of engineering in English

• Engineering in English

• Engineering in English

• Engineering in English

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شاین

Engineering in English

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همه حقوق چاپ و نشر برای ناشر و مؤلف محفوظ است

تمامی حقوق این اثر محفوظ است. تکثیر یا تولید مجدد آن کلاً و جزئاً چاپ، فتوکپی، صوت، تصویر و انتشار الکترونیکی بدون اجازه مکتوب ناشر و مؤلف ممنوع است و پیگرد قانونی دارد.

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PREFACE

Engineering in English is written to be mainly used by professors and instructors for college-level English courses at bachelor's level for Industrial, Mechanical, Civil and Electrical engineering students. Much of the reading texts and listening practices of the book are adapted from Cambridge English for Engineering by Ibbotson (2008) and Professional English in Use Engineering by Ibbotson (2009) with an emphasize on varied content and creative problem solving issues. Other inspiring books which provide brilliant practices are Oxford English for careers: Technology for Engineering and Applied Sciences by Glendinning (2013), Oxford English for careers: Engineering 1 by Astley and Mansford (2013), and Brauer's Safety and Health for Engineers (2006). Specifically, this book focuses on both receptive and productive skills trying to improve critical thinking ability of these groups of engineering students.

There are 9 units (eight lessons and one supplementary) in the book each initiates with introducing the main objectives of the unit, and then presents practices related to the objectives and skills. The book is not a definite unalterable sequence of rigid structure of words, linguistic or engineering skills and meanings. One might alternatively want to begin with unit one or four or even with objectives in a diverse order; although you have to remember that different practices of a skill maybe related to each other but not to the practices of other skills. The book is designed to focus on;

- Engineering skills
- Linguistic topics and skills
- Group (and peer) activities and tasks
- Decision making tasks
- Use of realistic examples and tasks
- Up-to-date and authentic topics

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