

In the Name of God

English For the Students of Computer Science

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Introduction

“English for the Students of Computer Science” is primarily designed to address the needs of those students majoring in computer sciences or the related fields in universities or colleges. The book is intended to be covered in a two-credit course of English for specific purposes (ESP) at universities. It includes seventeen units to provide enough content for a semester-long instruction and at the same time give instructors the opportunity to select units that are found to be most suitable and appealing to their learners. The passages cover a wide range of relevant and useful topics; from the very basic concepts in computer science like memory, input devices, etc. to very recent ones such as Internet services, WLAN and the like. The readings are mostly Internet based and have been arranged on the level of difficulty. The authors have attempted to take advantage of the latest computer engineering sites as well as the most up to date computer text books. The new words in the texts are bolded with a short definition in the footnotes. This makes it more reader-friendly.

The exercises and activities in this book enjoy a special variety which makes them to some extent different from the ones used in similar books written for the same purpose inside Iran. Comprehension questions include T/F, Fill in and locating exercises which improve students' skills in skimming and scanning the texts. The second part provides students with a variety of vocabulary exercises such as Matching and Fill in exercises. These also demands students' careful attention. In some of these exercises students may have to refer to the text to find out the exact point. Each lesson ends with a translation activity which can also be used as a supplementary passage for further reading.

The book also includes two appendixes. The first is a glossary providing students with easy English definitions for the most important computer and Internet terms, acronyms and abbreviations. The second is an English-Persian glossary which helps the less proficient students have easy and quick access to the meaning of some of the less familiar vocabulary items.

Though we have tried to proofread different sections of the book, some typos or mistakes might have escaped our attention. So, we welcome any constructive suggestions or criticisms which improve the quality of the book and we are looking forward to receiving comments from the respectable colleagues and students. Please be in touch through efl.khatesefid@gmail.com.

At the end, we would like to express our gratitude to the colleagues and students who helped us during the process of compiling and editing to its final publication. In particular, many thanks go to the helpful people at Khate Sefid Press. We are extremely grateful and indebted to them for their support and guidance.

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Reza Maleki Nejad
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Phonetic Symbols (IPA)

Consonants		
/p/	as in	pen /pen/
/b/	as in	big /bɪg/
/t/	as in	tea /ti:/
/d/	as in	day /deɪ/
/k/	as in	cat /kæt/
/g/	as in	get /get/
/f/	as in	fat /fæt/
/v/	as in	very /'veri/
/s/	as in	son /sʌn/
/z/	as in	zoo /zu:/
/l/	as in	live /lɪv/
/m/	as in	my /maɪ/
/n/	as in	near /nɪə(r)/
/h/	as in	happy /'hæpi/
/r/	as in	red /red/
/j/	as in	yes /jes/
/w/	as in	wet /wet/
/θ/	as in	thanks /θæŋks/
/ð/	as in	the /ðə/
/ʃ/	as in	she /ʃi/
/ʒ/	as in	television /'telɪvɪʒn/
/tʃ/	as in	child /tʃaɪld/
/dʒ/	as in	German /'dʒɜ:mən/
/ŋ/	as in	sing /sɪŋ/

Vowels		
/i:/	as in	see /si:/
/ɪ/	as in	his /hɪz/
/e/	as in	ten /ten/
/æ/	as in	stamp /stæmp/
/ɑ:/	as in	hot /hɒt/ (AmE)
/ɒ/	as in	hot /hɒt/ (BrE)
/ɔ:/	as in	morning /'mɔ:rnɪŋ/
/ʊ/	as in	put /pʊt/
/u:/	as in	too /tu:/
/ʌ/	as in	sun /sʌn/
/ɜ:/	as in	learn /lɜ:m/
/ə/	as in	ago /ə'ɡoʊ/

Diphthongs (Two vowels together)		
/eɪ/	as in	name /neɪm/
/aɪ/	as in	my /maɪ/
/ɔɪ/	as in	boy /bɔɪ/
/əʊ/	as in	no/ nɔ:/ (BrE)
/oo/	as in	no /noo/ (AmE)
/aʊ/	as in	how /haʊ/
/ɪə/	as in	real /rɪəl/
/eə/	as in	hair /heə(r)/ (BrE)
/ʊə/	as in	sure /ʃʊə(r)/ (BrE)
/uə/	as in	actual /'æktʃuəl/
/ɪə/	as in	liar /'laɪə(r)/

Abbreviations used in the book

Symbol	Example
adj.	adjective
adv.	adverb
conj.	conjunctive
prep.	preposition
pron.	pronoun
v	verb

Symbol	Example
phr v	phrasal verb
sb	somebody
sth	something
etc	etcetera
P	paragraph
L	line