

Course Title: **English I (3 Cr.)**

Course Code: **CACS103**

Year/Semester: **I/I**

Class Load: **4 Hrs. / Week (Theory: 3 Hrs., Tutorial: 1 Hr.)**

Course Description

This course aims at helping students combine the knowledge of the English language with their technical knowledge with special emphasis on vocabulary acquisition and grammatical accuracy. It offers up-to-date technical content, authentic reading and listening passages covering a wide range of topics like the use of virtual reality in industry, personal computing, viruses and security, information systems, and multimedia. Letter-writing section offers a complete guide to writing work-related letters and comprehensive glossary of technical terms forms a useful mini-dictionary of computing terminology.

Course Objectives

The main objectives of the course are to:

- impart effective language skills to students and enable them to use language accurately, clearly and concisely,
- acquaint students with language used in computer study through extensive reading activity,
- help them to enhance their ability to use language in a proper way with specific focus on grammatical accuracy and writing competence,
- enable students to improve work-related letter writing skills with special attention to presentation and structure, and
- familiarize them with innovation in computer science while introducing them with the language used in this field.

Course Contents

A. LEARNING THE LANGUAGE

Unit One

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| I. Personal Computing
The Processor
Language Focus A: Contextual Reference | 9 Hrs. |
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| II. Portable Computers
Operating Systems
Language Focus B: Word formation, prefixes | |
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| III. Online Services
Data Transmission
Language Focus C: Word formation, suffixes | |
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Unit Two

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| I. | Computer Software
Comparing Software Packages
Language Focus D: Making Comparisons | 12 Hrs. |
| II. | Computer Networks
Network Configurations
Language Focus E: Time Sequence | |
| III. | Computer in Education
CALL
Language Focus F: Giving Examples | |
| IV. | Virtual Reality
VR Input Devices
Language Focus G: Classifying | |

B. ORGANIZING AND WRITING TEXTS

Unit Three

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| I. | Programming and Languages
C Languages
Language Focus H: Organizing Information | 9 Hrs. |
| II. | Computer Viruses
Computer Security
Language Focus I: Listing | |
| III. | Computers in the Office
Computer System
Language Focus J: The Passive | |

Unit Four

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| I. | Computers in Medicine
Data Storage and Management
Language Focus K: Explanations and Definitions | 6 Hrs. |
| II. | Robotics
Robot Characteristics
Language Focus L: Compound Noun | |

Unit Five

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| I. | Machine Translation
AI and Expert System
Language Focus M: Cause and Effect | 9 Hrs. |
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II. Multi Media

Computer-to-video-conversion

Language Focus N: Making Predictions

III. Computer Graphics

24 bit Color

Language Focus O: Letter Writing

Teaching Methods

The course expects communicative language teaching (CLT). Facilitating the learning process, the instructors are expected to stimulate the students to work as per the spirit of the course and make learning a joyful experience.

Evaluation

Internal Evaluation: 40%

Attendance - 5

Presentation/classroom participation- 5

Writing sample- 15

Mid-term test- 15

Final Evaluation- 60%

Comprehension

Vocabulary formation

Grammar testing

Writing of multiple forms

Prescribed Textbook

1. Boeckner, Keith and P. Charles Brown. *Oxford English for Computing*. London: Rutledge, 1993.

