

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

**9 Hrs.**

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

**Unit Two**

12 Hrs.

- I. Computer Software  
Comparing Software Packages  
Language Focus D: Making Comparisons
- 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**

9 Hrs.

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

**Unit Four**

6 Hrs.

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

**Unit Five**

9 Hrs.

- I. Machine Translation  
AI and Expert System  
Language Focus M: Cause and Effect



