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
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

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
     CALI
     Language Focus F: Giving Examples

IV. Virtual Reality
    VR Input Devices
    Language Focus G: Classifying

B. ORGANIZING AND WRITING TEXTS

Unit Three

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

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

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