HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY AND EDUCATION
FACULTY OF FOREIGN LANGUAGES

PROGRAM: **INFORMATION TECHNOLOGY**
LEVEL: **BACHOLOR'S**

SYLLABUS

1. **Title:** English for Computer Science
2. **Code:** ENCS330537
3. **Credits:** 3 credits (3:0:6) (3 lecture periods, 0 lab period, 6 self-study periods per week)
4. **Lecturers**

   Chief lecturer:

   Co-lecturers:
5. **Prerequisites**

   Prerequisite course(s): Communicative English 2

   Previous course(s): N/A
6. **Overview**

This is an English for Specific Purposes course designed for students majoring in the area relevant to Information Technology. The course is intended for students to achieve the pre-intermediate level of English language proficiency (equivalent to B1 level of CEFR) in Speaking, Listening, Reading, and Writing skills on computer science related topics. The course aims to develop students' English competence to deal with popular computer technology matters in other countries and to exchange technical information and ideas with English-speaking people. It particularly offers students the opportunities to understand the main points of clear standard English input on technical matters regularly encountered at work and school. Students are asked to deal with most situations likely to arise whilst working on computer science in an area where English is spoken. They are asked to produce simple connected English texts on topics relevant to computer science or work plan. They are also prepared to describe experiences, events, and ambitions relevant to the field of computer and briefly give reasons and explanations for opinions and plans. In addition, this course promotes students' development of presentation skills, teamwork ability, and learner autonomy by engaging them in various interactive activities.

7. **Learning Outcomes (CLOs)**

CLOs	**Descriptions** *After finishing this course, students are able to*	**Compe-tency Level**
CLO1.1	Understand the main points of extended discussion around them, provided that the speech is clearly articulated in standard English dialect	2
CLO1.2	Understand the main points of radio news bulletins and simpler recorded material about familiar computer parts delivered relatively slowly and clearly	2
CLO1.3	Understand straightforward factual details about common computer-related topics, provided that the speech is clearly articulated in a generally familiar English accent	2

CLO2.1	Read straightforward factual texts on subjects related to computer science with a satisfactory level of comprehension	2
CLO2.2	Identify desired information and gather information from different parts of a text, or from different texts to fulfil a specific task	2
CLO2.3	Recognise significant points in straightforward newspaper articles in English on familiar computer-related subjects	2
CLO3.1	Maintain an English conversation or discussion with some difficulties in using accurate expressions	3
CLO3.2	Express and respond to feelings such as surprise, happiness, sadness, interest, and indifference	3
CLO3.3	Express thoughts and personal views about abstract topics such as perspectives of cloud computing and hackers	3
CLO4.1	Write letters in English describing computer science problems and technical events in some detail.	3
CLO4.2	Write English notes conveying simple information of immediate relevance to colleagues, service people, and others who feature in their everyday work	3
CLO4.3	Write short, simple notes, and messages in English relating to matters in areas of immediate need at work	3
CLO5.1	Present straightforward English descriptions on a variety of familiar subjects within the field of computer science	3
CLO5.2	Establish fluent connections of a straightforward English narrative or description as a linear sequence of points on accounts of experiences, feelings, and reactions	3
CLO5.3	Write straightforward connected English texts on a range of familiar subjects within the field of computer science, by linking a series of shorter discrete elements into a linear sequence	3
CLO6.1	Demonstrate a sufficient vocabulary to express themselves with some circumlocutions on most topics pertinent to their everyday work such as operating system, anti-virus software, programming, and current events	3
CLO6.2	Use reasonably accurately a repertoire of frequently used routines and patterns associated with more predictable situations	3

8. Main Topics

- Computer memory
- Programming languages
- Storage devices
- Peripherals
- Social networking
- GPS systems
- Robotics
- Artificial intelligence
- Operating system
- Advertising and marketing
- Automation
- Hackers and viruses
- Identity theft
- Anti-virus software
- Cloud computing
- Creative design

9. Teaching Methods

The course employs communicative language teaching approach to improve students' English language competence. Interactive activities are primarily used during the course delivery in line with the principles of student-centered approach. Opportunities for meaning negotiation are facilitated for input exposure increase and skill development scaffolding. The questioning techniques for clarification inquiries and further elaborations are conducted for students' construction of knowledge and development of skills. Students are assigned to team up with different partners in each learning tasks to maximize the peers' support and improve collaboration skills. Critical comments and experience-based feedback from individual's perspective are greatly appreciated during the class activities.

10. Assessments

During the course, students need to demonstrate evidence that they have read the materials, completed the assignments, sharpened their skills, and are willing to share their ideas and feelings with their peers. Students are assessed for their performance in two quizzes, a mini project, a mini test, and a final examination. The final grade ranges from 0 to 10. The weighting of these assessments is listed below.

No.	Weighting	Assessment
1	10%	Quizzes
2	20%	Mini project
3	20%	Mini test
4	50%	Final examination

11. Learning Materials

Evans, V., Dooley, J., & Wright, S. (2018). *Career Paths: Information Technology*. Express Publishing.

Evans, V., Dooley, J., & Nawathe, V. (2018). *Career Paths: Computer Engineering* (2nd ed.). Express Publishing.

12. General Information

Academic integrity

Students of the course are subject to the Academic Integrity Policy of HCMUTE as indicated at https://sao.hcmute.edu.vn. They need to strictly observe all the guidelines and requirements, including a strict prohibition against plagiarism. Any violation needs to be reported to the Dean Office of the Faculty of Information Technology.

Flexibility notice

When necessary, the online class meeting is organized on a synchronous platform, and login details are sent to students through the LMS, student email, or enrolment system. Students are always notified if the class mode is changed. Apart from the grading and absence policies, other information in this syllabus may be subject to change with reasonably advanced notice. Students need to regularly check their mailbox and the LMS for the updates of the course that they enroll.

Intellectual property

The contents of the lectures delivered in the class meetings and other written materials distributed to students during the course are under the copyright protection as indicated in the Intellectual Property

Regulations of HCMUTE. Students' captures of the lecture notes cannot be distributed or circulated for commercial purposes without the official permission from the course lecturers.

13. Approval Date: *<dd/mm/yyyy>*

14. Endorsement

Dean	**Head of Department**	**Chief Lecturer**

15. Revision History

1st Revision: <*dd/mm/yyyy*>	Lecturer: Head of Department:
2nd Revision: <*dd/mm/yyyy*>	Lecturer: Head of Department: