

Course specification

(1205 English (2))

Faculty: HICIT

Programme(s) on which the course is given: Under graduate program in Computer Science

Major or minor element of programmes: Compulsory

Department offering the programme: Computer Science

Department offering the course: Computer Science

Academic year/ Level: First Year/ Second Semester

Date of specification approval: 22/2/2016

A- Basic Information

Title: English (2) Code: 1205

Weekly Hours:

Lecture: 3 Exercise: 2 Practical: - Total: 5

B- Professional Information

1 - Overall aims of course

This course focuses on the Development of basic composition & reading skills. Reading materials must be chosen from technical sources including: principles of computer systems, including networks and communication , basic software, creative software, programming and computers tomorrow.

2- Program ILOs Covered by Course

| Program Intended Learning Outcomes | | | |
|------------------------------------|---------------------|-----------------------------------|---------------------------------|
| Knowledge and understanding | Intellectual Skills | Professional and practical skills | General and Transferable skills |
| a16 | b4, b14 | c4, c12, c13, c15, c19 | d1, d8, d9, d10 |

3- Intended learning outcomes of course (ILOs)

3a- Knowledge and understanding

- a1 Understand a grasp of the principles of computer systems, including architecture, networks and communication
- a2 Study the professional and ethical responsibilities of the practicing computer professional including understanding the need for quality.

3b- Intellectual skills

- b1 Analyze the requirements of a range of computer-based systems and examine the design alternatives based on the constraints imposed by society, organizations, and technology.

3c- Professional and practical skills

- c1 Prepare and deliver coherent and structured verbal and written technical reports.
- c2 prepare technical presentations suitable for the time, place and audience.

3d- General and transferable skills

- d1 cope with a team and write structural reports.

4 -Contents:

| Topic | Hours | Lec. Hours | Exc. Hours |
|---------------------------------------|-------|------------|------------|
| The Internet and Email | 5 | 3 | 2 |
| The Web | 5 | 3 | 2 |
| Chat and Conferencing | 5 | 3 | 2 |
| Internet Security | 5 | 3 | 2 |
| Graphics and Design | 5 | 3 | 2 |
| Desktop Publishing | 5 | 3 | 2 |
| Multimedia | 5 | 3 | 2 |
| Web Design | 5 | 3 | 2 |
| Program Design And Computer Languages | 5 | 3 | 2 |
| Java | 5 | 3 | 2 |
| Jobs In ICT, Communication Systems | 5 | 3 | 2 |
| Networks, Video Games | 5 | 3 | 2 |
| New Technologies | 5 | 3 | 2 |

5 -Teaching and learning methods

- 4.1 Lectures
- 4.2 Tutorial Exercises
- 4.3 Practical Lab
- 4.4 Discussions.

6 -Student assessment methods

- 5.1 Midterm Exam: To assess the knowledge and understanding achieved by the student during the previous weeks.
- 5.2 Final Exam: To evaluate what the student gain at the end of the course, and to assess: the knowledge and understanding, general skills, and intellectual skills..
- 5.3 Course Work &Quizzes: To keep the student always in the course, and to evaluate knowledge, understanding, intellectual, and transferable skills.

Assessment Schedule

| Assessment | Week # |
|----------------------|--------|
| Mid Term Exam | 8 |
| Final Exam | 16 |
| Course Work &Quizzes | 2-14 |

Assessment Weight

| Assessment | Weight % |
|-----------------------|----------|
| Mid Term Exam | 10% |
| Final Exam | 80% |
| Course Work & Quizzes | 10% |
| Total | 100 |

Course Work & Quizzes: (Short Exams, Assignments, Researches, Reports, Presentations, Class/Project discussion)

7 -List of references

7.1 -Course notes

Teacher notes on English (1)

7.2 Essential books (text books)

Infotech, "English for Computer Users" Student's Book, 3rd Edition 2003, Santiago, Remacha Esteras, Cambridge University Press 2003

Oct 3, 2013 - **Infotech English For Computer Users (4th Ed.)**

8 -Facilities required for teaching and learning:

Computer laboratories: equipped with suitable number of English consoles

Computer Classrooms: equipped with PC computer +Data show + Screen
White board and colored pens.

9 -Course Matrices

9-1 Course Contents/ILOs Matrix

Course Contents/ILOs Matrix

| Course Contents | a1 | a2 | b1 | c1 | c2 | d1 |
|---------------------------------------|----|----|----|----|----|----|
| The Internet and Email | √ | √ | | | | |
| The Web | | √ | | | | |
| Chat and Conferencing | | | √ | √ | | |
| Internet Security | √ | | | | | |
| Graphics and Design | √ | √ | √ | √ | √ | |
| Desktop Publishing | √ | √ | √ | √ | √ | |
| Multimedia | √ | √ | √ | √ | √ | |
| Web Design | | √ | √ | √ | √ | |
| Program Design And Computer Languages | | √ | √ | | | |
| Java | | √ | √ | | | |
| Jobs In ICT, Communication Systems | √ | √ | √ | √ | √ | |
| Networks, Video Games | √ | √ | √ | √ | √ | |
| New Technologies | | | √ | √ | √ | |

9-2 Learning Methods /ILOs Matrix

Learning Methods /ILOs Matrix

| Learning Methods | a1 | a2 | b1 | c1 | c2 | d1 |
|--------------------|----|----|----|----|----|----|
| Lectures | √ | √ | √ | √ | √ | |
| Tutorial Exercises | | | √ | √ | √ | |
| Practical Lab | | | √ | √ | √ | |
| Discussions. | | | √ | √ | √ | √ |

9-3 Assessment Methods /ILOs Matrix

Assessment Methods /ILOs Matrix

| Assessment Methods | a1 | a2 | b1 | c1 | c2 | d1 |
|-----------------------|----|----|----|----|----|----|
| Midterm Exam | √ | √ | √ | √ | √ | |
| Final term Exam | √ | √ | √ | √ | √ | |
| Course Work & Quizzes | √ | √ | √ | √ | √ | √ |

Course coordinator: Dr Mohamed Moustafa

Head of Department: Dr. Farouk Shabaan

Date: 22/2/2016