

***KINGDOM OF SAUDI ARABIA***

***THE NATIONAL COMMISSION FOR ACADEMIC  
ACCREDITATION & ASSESSMENT***

***COURSE SPECIFICATION  
HASER 110***

Revised March 2007

## Course Specification

Almajmaah University
College : Al Majmaah Community College
Department : Natural and Applied Sciences

### A. Course Identification and General Information

1. Course title and code: Principles of Computer and Information Technology – HASER 110
2. Credit hours: 5 Hours
3. Program in which the course is offered: Computer science (Career Program)
4. Name of faculty member responsible for the course : Mr. Nif Alshammari
5. Level at which this course is offered : First level
6. Pre-requisites for this course: None
7. Co-requisites for this course (if any) : None
8. Location: Main campus    Room No: 2..A6

## B - Objectives

Upon successful completion of this course, students should be able to:

- Tracking the historical development of computer automated.
- Identify hardware and software of computers.
- Study the Windows operating system and a suitcase Office.
- Identify computer networks and take advantage of them.
- general knowledge of the types of computer software and programming languages.
- Identification on the Internet and its services.
- address the developments in the computer such as e-learning, e-government ...

## C. Course Description

Topics to be Covered		
Contents	Nb of Weeks	Contact hours
Introduction to the computer and follow the historical development and identify the hardware and software	3	15
Windows operating system and Office	2	10
Types of computer software and programming languages	2	10
Computer networks	2	10
Internet and its services	3	15
Recent developments in the field of computer	3	15

2. Course components (Total contact hours per semester):

Lecture	Tutorial	Exercises	Other
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45 hrs	30 hrs	15 hrs	
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3. Additional learning hours expected for students per week  
The student must work at least for 5 hours per week which is equivalent to 75 hours per semester.

4. Development of learning outcomes in the domains or areas of learning

a. Knowledge
(i) knowledge to be acquired : <ul style="list-style-type: none"> <li>- Knowing a computer and its parts .</li> <li>- Knowing the operating system for computer and Office programs.</li> <li>- Knowing the types of software and programming languages.</li> <li>- Knowing computer networks.</li> <li>- Understand the Internet and its services.</li> </ul>
(ii) Teaching strategies to be used to develop that knowledge : <ul style="list-style-type: none"> <li>- Lectures</li> <li>- Exercises</li> <li>- Case studies.</li> </ul>
(iii) Methods of assessment of knowledge acquired : <ul style="list-style-type: none"> <li>- Exams</li> <li>- Home works</li> </ul>
b. Cognitive Skills
(i) Cognitive skills to be developed :

<ul style="list-style-type: none"> <li>- Ability of analysis</li> <li>- Ability of deduction</li> <li>- Decision making.</li> </ul>
<p>(ii) Teaching strategies to be used to develop these cognitive skills :</p> <ul style="list-style-type: none"> <li>- Exercises</li> <li>- Case studies.</li> </ul>
<p>(iii) Methods of assessment of students cognitive skills</p> <ul style="list-style-type: none"> <li>- Exams</li> <li>- Home works</li> </ul>

5. Schedule of Assessment Tasks for Students During the Semester			
Assessment	Assessment task	Week due	Proportion of Final Assessment
1	Attendance, Participation and Home works	Each week	10
2	First month exam	6th week	20
3	Second month exam	10th week	20
4	Research	12th week	10
5	Final exam	According to the exams schedule	40

#### **D. Student Support**

<p>1. Arrangements for availability of faculty for individual student consultations and academic advice</p> <ul style="list-style-type: none"> <li>- Office hours : 6 hours a week</li> <li>- Academic guidance : 2 hours a week.</li> </ul>
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Sunday		Academic Guidance				Office Hours		
Saturday								
Monday		Academic Guidance	Office Hours					
Tuesday								
Wednesday	Office Hours							

### **E. Learning Resources**

<p>1. Required Textbooks</p> <p>1. Introduction to Computer and Information Technology, Dr.Sheddi.</p> <p>2. Introduction to Computer and its applications, Dr.Al-Maliki and others.</p>
<p>2. Electronic Materials, Web Sites, etc.</p> <p>www.kutub.info</p> <p><a href="http://faculty.ksu.edu.sa/naef/default.aspx">http://faculty.ksu.edu.sa/naef/default.aspx</a></p>

### **F. Facilities Required**

<p>A Lecture room appropriate for 30 students with a personal computer, a data show and a smart board.</p>
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### **G. Course Evaluation and Improvement Processes**

<p>1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching:</p> <ul style="list-style-type: none"> <li>- Periodical surveys on teacher website</li> <li>- Students have to evaluate the teacher rendering before obtaining results through the university website edugate.</li> </ul>
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## 2. Processes for Improvement of Teaching :

- Periodical review of contents in the department to increase the effectiveness of the subject.
- Comparison of the course content with similar courses offered in others colleges
- Using modern technologies in teaching and providing additional support to students.