



Course Specification

— (Bachelor)

Course Title: مقدمة في الحاسب الآلي

Course Code: Hal-101.

Program: أصول الدين

Department: English Language Center

College: التربية

Institution: King Khalid University

Version: NA

Last Revision Date: NA



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A. General information about the course:

1. Course Identification

1. Credit hours: (3)		Contact hours: 4	
2. Course type			
A.	<input checked="" type="checkbox"/> University	<input type="checkbox"/> College	<input type="checkbox"/> Department
		<input type="checkbox"/> Track	<input type="checkbox"/> Others
B.	<input checked="" type="checkbox"/> Required	<input type="checkbox"/> Elective	
3. Level/year at which this course is offered: (First Level)			
4. Course general Description:			
<p>First three weeks instructor must attend with students in the electronics lab in order to explain how to use Blackboard. Each three weeks instructor must attend with the students. Students in the other weeks (we there is no attend) must prepare and do the homework through blackboard.</p>			
5. Pre-requirements for this course (if any):			
NA			
6. Co-requisites for this course (if any):			
NA			
7. Course Main Objective(s):			
<p>This course is designed to provide introduction to students with basic usage and fundamentals of the computer. Also provide students information about hardware and software. In a general word the aim is to give students basic understanding of how to use computer and using technology in the education field. Also in the practical section students are going to understand how to use windows Microsoft office.</p>			

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	E-learning	45	100%
3	Hybrid		





No	Mode of Instruction	Contact Hours	Percentage
	<ul style="list-style-type: none"> Traditional classroom E-learning 		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	30
2.	Laboratory/Studio	26
3.	Field	
4.	Tutorial	
5.	Others (specify)	4
Total		45

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Define computer concept, term, usage and application. Attend the training of using black board	NA	Lecture through online(LMS)	Quizzes & homework
1.2	Name computer devices and its functionality.	NA	Lecture through online(LMS)	Quizzes & homework
1.3	Compare between two components of computer hardware /software.	NA	Lecture through online(LMS)	Quizzes & homework
1.4	Explain network process and its usage.	NA	Lecture through online(LMS)	Quizzes & homework
2.0	Skills			
2.1	Evaluate student usage of using software	NA	Check their Homework	Quizzes , Labs





Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
	package for using software application.			
2.2	Demonstrate graphs.	NA	Check their Homework	Quizzes , Labs
2.3	Evaluate student's usage of software package for their communication.	NA	Using internet	Presentation . Labs
2.4	Calculate using software package.	NA	Using internet	Presentation . Labs
3.0	Values, autonomy, and responsibility			
3.1	Examine student using blackboard	NA	Check their progress	Homework and quizzes

C. Course Content

No	List of Topics	Contact Hours
1.	Orientation , seminars , Training and face to face classes	1,2,3
2.	Overview and definition of E-learning , different developments in time explain the different delivery types of E-learning, to list benefits and limitation of E-learning, Different learning models and overview of Learning Management System and its features, overview of communication technologies used in E-learning and its advantages.	4
3	Overview of an Information system and its different parts and overview of Information technology and System software and Application software and utilities, Overview of hardware and types of computers and introduction to system unit and microprocessor, RAM and secondary storage devices, Communication and Data, types of files and connectivity and Internet.	5
4	Internet and Web, difference between the internet and web, common internet uses, functions of an ISP, types of ISPs, browser and overview of URL and its parts, internet communication, social networking and its categories, search tools and search engines.	6
5	Operating Systems and their Functions, Features, and categories. Utilities - Windows Utilities, Device Drivers.	8
6	Basic Application Software: Common features of the Application Software, Web-based Applications, Word Processors, Spreadsheets ,Database Management Systems, and Presentation graphics	9





7	Introduction to specialized applications and types of specialized applications, Overview of graphics and types of graphics programs with examples, Illustration programs and examples, Image galleries and its types, Graphic suites its advantages and types of suites, Audio and Video editing software's with examples, Multimedia and its uses, Web authoring programs with examples, Artificial intelligence and types of areas, Robotics and types of robots	10
8	Introduction to System Unit and its different types, Overview of different types of numbering system, Character encoding and types of encoding, System board and components, Microprocessor and its components, Micro processor chips, Memory and types of memory, Expansion cards and slots and types of expansion cards, Bus lines and its categories, Overview of ports and its types, cables and power supply.	11
9	Definition of input and input devices, types of keyboards and pointing devices, Scanning devices and its different types, Car readers and Bar code readers, Image capturing devices and definition of audio input devices, Definition of output and output devices and its types, types of monitors and its features, types of printers and its features, Combination of input and output devices and its types.	13
Total		45

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1	Quiz	2	2%
2	Quiz	3	1%
3	Quiz	4	1%
4	Quiz	5	1%
5	Quiz	6	1%
6	Quiz	8	1%
7	Quiz	9	1%
8	Quiz	10	1%
9	Quiz	11	1%
10	Mid-exam 1	7	10%
11	Mid-exam 2	12	10%
12	Lab Exam	14	20%
13	Final	Final Week	50%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).





E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Online Materials of "Computing Essentials" by Timothy J. O'Leary and Linda I. O'Leary, McGraw Hill International
Supportive References	"Computing Essentials" by Timothy J. O'Leary and Linda I. O'Leary, McGraw Hill International Edition
Electronic Materials	(eg. Web Sites, Social Media, Blackboard, etc.)
Other Learning Materials	Online tutorial.

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) Latest updated version of MS office.
Technology equipment (projector, smart board, software)	Access to the internet in the classrooms.
Other equipment (depending on the nature of the specialty)	None.

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students, classroom observation, external reviewers' visit from the Accreditation Agency	Students survey Formal classroom observation
Effectiveness of Students assessment	Quality and Development Unit, Curriculum Assessment Committee	Item analysis data, teachers' feedback, students' feedback, course reports.
Quality of learning resources	Quality and Development Unit	Annual quality improvement program review
The extent to which CLOs have been achieved	Quality and Development Unit	Course report, data analysis of achievement test
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))





Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	Computer Science
REFERENCE NO.	11
DATE	Date Report Completed: 11 January 2018

