

Course Profile

Course Name:-	Information Technology Fundamentals
Course Code:-	IT 200
Academic Year:-	2013-2014
Semester:-	2

Course Overview

This course is introducing the fundamentals of Information Technology. Course coverage will include both theoretical understanding of Information technologies, and hands-on experience with applications. The course will teach the terms and concepts of information technology and explain technologies underlying all areas of IT that are needed in the world of work.

Course Details

Level:-	4
Credit:-	3 (3-0-1)
Pre-Requisites:-	NIL
Co- Requisites:-	NIL

Learning Outcomes of Course

After successful completion of this course, student will be able to-

1. Apply IT Technology Basics
2. Use Computer Software Applications
3. Apply Graphic Design Fundamentals
4. Understand Digital Media Design
5. Understand Internet and Web Design
6. Understand Hardware Design, Operation and Maintenance
7. Manage Operating Systems, Networking, and System Administration
8. Apply Business Law, Ethics and Legal Issues in IT

Course Assessment

Name of Assessment Task	Weight of Assessment	Week Due
1. Midterm Exam-1	20%	Week 7
2. Midterm Exam-2 – Quizzes	10%	Week 13
3. Assignments/Report/Seminar	20%	Week 14
4. Practical	10%	Every Week
5. Final Exam	40%	Week 16/17

Assessment Task and Learning Outcomes Alignment

Assessment Task Name	Course Learning Outcomes							
	1	2	3	4	5	6	7	8
1. Midterm Exam-1	√	√	√					
2. Midterm Exam-2 -Quizzes				√	√	√		
3. Assignments/Report/Seminar							√	√
4. Practical		√	√	√	√	√	√	
5. Final Exam	√	√	√	√	√	√	√	√

Teaching Contact Details

Name of Course Coordinator:-	Prof. Saravanan
Email of Course Coordinator:-	s.tirumalai@mu.edu.sa
Lab/Tutorial Instructor:-	Mr. Mohammed Rafiq
Email of Lab/Tutorial Instructor:-	m.rafiq@mu.edu.sa
Office Hours:-	Sunday: 10 am to 11 am Tuesday: 8 am to 12 pm
Office Number:-	024-1-18-3
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Details of Required Text Book

Book Name	Authors Name	Publisher	Year	Edition
1. Fundamentals of Information Technology	Deepak Bhariok	Excel Books	2012	4

Details of Required Reference Books

Book Name	Authors Name	Publisher	Year	Edition
1. Fundamentals of Information Technology	Bansal	APH Publishing	2010	2

IT Resources

The following IT Resources will require to access-

- Internet
- <http://faculty.mu.edu.sa/stirumalai/>

Course Schedule

Course Topics	Book's Chapter	Event Name	Week Due
IT Technology Basics	Deepak Bharioke "Fundamentals of Information Technology"		Week-1
Operating Systems & Computer Software Applications			Week-2
Networking & Data Communications			Week-3
Computer Programming Theory			Week-4
Software Systems Management			Week-5
Graphic Design Fundamentals			Week-6
		Mid Term 1	Week-7
Digital Media Design			Week-8
Internet and Web Design			Week-9
Hardware Design, Operation and Maintenance			Week-10
Systems Administration			Week-11
Business Law, Ethics			Week-12
		Mid Term 2 - Quizzes	Week-13
Legal Issues in IT			Week-14

Revision		Assignment Submission	Week-15
			Exam Week

Referencing Style

The **American Psychological Association (APA)** referencing style must be used for all submissions of this course.

Course Assessment Task

Assessment Name	Midterm Exam-1
Description of Task Assessment	This assignment is aligned to learning outcomes 1,2 & 3. In that regard, the assignment contains questions that assess: 1) students' thorough understanding in the concepts of IT 2) issues in graphics design fundamentals
Task Assessment Due Week/Date	Week 7
Return Week/Date to Students	Week 8
Weight of Task Assessment	20%
List Learning Outcomes Assessed	<ol style="list-style-type: none"> 1. Apply IT Technology Basics 2. Use Computer Software Applications 3. Apply Graphic Design Fundamentals

Assessment Name	Mid Term 2 - Quizzes
Description of Task Assessment	This assignment is aligned to learning outcomes 3,4 & 5. In that regard, the assignment contains questions that assess students' thorough understanding in digital media design, Internet design and Hardware design
Task Assessment Due Week/Date	Week 13
Return Week/Date to Students	Week 14
Weight of Task Assessment	10%
List Learning Outcomes Assessed	<ol style="list-style-type: none"> 4. Understand Digital Media Design 5. Understand Internet and Web Design 6. Understand Hardware Design, Operation and Maintenance

Assessment Name	Assignment
Description of Task Assessment	This assignment is aligned to learning outcomes 7 & 8. In that regard, the assignment contains questions that assess: students' thorough understanding in Operating systems , Ethics and legal issues in IT
Task Assessment Due Week/Date	Week 15
Return Week/Date to Students	Week 15
Weight of Task Assessment	20%
List Learning Outcomes Assessed	7. Manage Operating Systems, Networking, and System Administration 8. Apply Business Law, Ethics and Legal Issues in IT

Assessment Name	Practical
Description of Task Assessment	This assignment is aligned to learning outcomes 2,3,4,5,6 & 7. In that regard, the assignment contains questions that assess students' thorough understanding IT fundamentals
Task Assessment Due Week/Date	Every week as prescribed
Return Week/Date to Students	Every week as prescribed
Weight of Task Assessment	10%
List Learning Outcomes Assessed	2. Use Computer Software Applications 3. Apply Graphic Design Fundamentals 4. Understand Digital Media Design 5. Understand Internet and Web Design 6. Understand Hardware Design, Operation and Maintenance 7. Manage Operating Systems, Networking, and System Administration

Assessment Name	Final Exam
Weight of Task Assessment	40%
Duration	180 Minutes
Warning	No Calculator Permitted Closed Books
Learning Outcomes Assessed	<ol style="list-style-type: none"> 1. Apply IT Technology Basics 2. Use Computer Software Applications 3. Apply Graphic Design Fundamentals 4. Understand Digital Media Design 5. Understand Internet and Web Design 6. Understand Hardware Design, Operation and Maintenance 7. Manage Operating Systems, Networking, and System Administration 8. Apply Business Law, Ethics and Legal Issues in IT