



<b>Proposed Academic Year</b>	2021/ 2022	<b>Last Reviewed Academic Year</b>	2020/2021
<b>Course Code</b>	INTE101	<b>Course Title</b>	Information Technology Fundamentals
<b>Credit hours</b>	3	<b>Level of study</b>	Undergraduate
<b>College / Centre</b>	COBA	<b>Department</b>	MIFS
<b>Co-requisites</b>	None	<b>Pre-requisites</b>	INTE305

### 1. COURSE OUTLINE

The course intends to deliver an overview of the basic IT concepts including hardware, software, networks, databases. Also, it highlights the various applications of IT in the business area. The course will also present the ethical and legal issues involved in the development process of related information technology applications.

### 2. AIMS

The course aims to equip the students with the appropriate knowledge that is needed to general understand the information Technology and their role in current business fields. The course also aims to help the students to learn and explore the different types of IT systems and the related computer risks and threats.

### 3. LEARNING OUTCOMES, TEACHING, LEARNING ,ASSESSMENT METHODS , and Graduate Attributes Mapping

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>	<b>Graduate Attributes Mapping</b>
Upon successful completion of this course, students will be able to:			
<b>1</b> Demonstrate an appropriate understanding of the Information Technology field.	Lectures and seminars, group work, presentation, group discussions, online videos	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.
<b>2</b> Demonstrate an appropriate understanding of IT systems component and identify the role of each component.	Lectures and seminars, group work, presentation, group discussions, online videos	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.
<b>3</b> Identify and explain the ethical and legal issues	Lectures and seminars, group work, presentation, group	e.g., tests, assignments, individual or group project, participation	Commitment to national development and Omani ethical values.



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related to IT field in the world of business.	discussions, online videos		Global insight. Adaptability to changing environments.
<b>4</b> Identify the possible threats to PCs and explore techniques used for prevention and protection	Lectures and seminars, group work, presentation, group discussions, online videos	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.

**4. ASSESSMENT WEIGHTING**

Assessment	Percentage of final mark (%)
Mid-term Exam	30
Final Exam	30
Assignments	30
Participation	10
<b>TOTAL</b>	<b>100%</b>

**5. ACHIEVING A PASS**

Students will achieve 3 credit hours for this course by achieving a minimum overall score of 50%  
***NB \*Ensure that ALL learning outcomes are taken into account***

**6. COURSE CONTENT (Indicative)**

LECTURE TOPIC	TIME (HOURS)
Introduction to information technology	6
Understanding digital domain	4
Computer hardware	6
Computer software	6
Operating systems	6
Digital media technology (audios, images and videos)	5
Introduction to computer networking	6
Security, copyright and the law	5
Computer viruses and threats	4



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<b>TOTAL HOURS</b>	<b>48</b>
Plus <b>RECOMMENDED INDEPENDENT STUDY HOURS</b>	
<b>TOTAL COURSE HOURS</b>	<b>48</b>

**7. RECOMMENDED READING**

**Core text/s:**

Using Information Technology 11th Edition By Brian Williams and Stacey Sawyer IISBN10:  
0073516880 ISBN13: 9780073516882 Copyright: 2015

Bridge to Careers in Information Technology: Computer Fundamentals, 1 year subscription  
By McGraw-Hill  
© 2014  
Published: July 29, 2013  
ISBN-13 : 9780076639878 | MHID : 0076639878

Aksoy , P., & DeNardis, L. (2007). *Information Technology in Theory*. canada: Cengage Learning.  
Lancaster, J. (n.d.). *Basic Concepts of Information Technology*. London: Springer.

**Library + online resources:**  
**ASU library**  
**ASU online resources (ProQuest and e-library) and**  
**Sultan Qaboos University Library.**

Open Education Resources:

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