



Ministry of Higher Education and  
Scientific Research - Iraq  
Al-ZAHRAWI University  
College of Science  
Forensics Department



## MODULE DESCRIPTOR FORM

### نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
<b>Module Title</b>	<b>COMPUTER SCIENCE</b>		<b>Module Delivery</b>
<b>Module Type</b>	ELECTIVE		<input type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar
<b>Module Code</b>	<b>ZU-SC-FS-1206</b>		
<b>ECTS Credits</b>	3		
<b>SWL (hr/sem)</b>	45 H		
<b>Module Level</b>	first stage	<b>Semester of Delivery</b>	
<b>Administering Department</b>	Forensics Department	<b>College</b>	College of science
<b>Module Leader</b>	Khitam sateq naser	<b>e-mail</b>	Khitam.sadeq@alzahu.edu.iq
<b>Module Leader's Acad. Title</b>	m.sc	<b>Module Leader's Qualification</b>	
<b>Module Tutor</b>		<b>e-mail</b>	
<b>Peer Reviewer Name</b>		<b>e-mail</b>	
<b>Review Committee Approval</b>		<b>Version Number</b>	

Relation With Other Modules			
العلاقة مع المواد الدراسية الأخرى			
<b>Prerequisite module</b>	None	<b>Semester</b>	
<b>Co-requisites module</b>	None	<b>Semester</b>	

## Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

<b>Module Aims</b> أهداف المادة الدراسية	<ol style="list-style-type: none"><li>1. The main aim of the course is to introduce the students to the principles of Computer.</li><li>2. It focuses on explain the abbreviations of the computer</li><li>3. In this semester, focuses on the common skills for the computer application Such as word.</li></ol>
<b>Module Learning Outcomes</b> مخرجات التعلم للمادة الدراسية	<ol style="list-style-type: none"><li>4. To teach students how the use the computer .</li><li>5. To teach students how to use the application such as word</li><li>6. To teach students the working with windows</li><li>7. To teach students the working with word</li></ol>
<b>Indicative Contents</b> المحتويات الإرشادية	Computers and Operating System Software and Hardware Interaction Windows File Management Computer Hardware Exploring Microsoft Office 2010 Getting Started with Word Essentials Editing and Formatting Documents Getting Started with Power point Essentials Organizing and Enhancing Presentation Getting Started with Excel Essentials Organizing and Enhancing Worksheets Creating Formulas and Charting Data
<b>Learning and Teaching Strategies</b> استراتيجيات التعلم والتعليم	
<b>Strategies</b>	Book, Lectures , lab & homework's.

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<b>Student Workload (SWL)</b> الحمل الدراسي للطالب			
<b>Structured SWL (h/sem)</b> الحمل الدراسي المنتظم للطالب خلال الفصل	102	<b>Structured SWL (h/w)</b> الحمل الدراسي المنتظم للطالب أسبوعياً	7
<b>Unstructured SWL (h/sem)</b> الحمل الدراسي غير المنتظم للطالب خلال الفصل	98	<b>Unstructured SWL (h/w)</b> الحمل الدراسي غير المنتظم للطالب أسبوعياً	6.5
<b>Total SWL (h/sem)</b> الحمل الدراسي الكلي للطالب خلال الفصل	200		

<b>Module Evaluation</b> تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
<b>Formative assessment</b>	<b>Quizzes</b>	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	<b>Assignments</b>	2	10% (10)	2, 12	LO # 3, 4, 6 and 7
	<b>Projects / Lab.</b>	1	10% (10)	Continuous	
	<b>Report</b>	1	10% (10)	13	LO # 5, 8 and 10
<b>Summative assessment</b>	<b>Midterm Exam</b>	2 hr	10% (10)	7	LO # 1-7
	<b>Final Exam</b>	2hr	50% (50)	16	All
<b>Total assessment</b>			100% (100 Marks)		

<b>Delivery Plan (Weekly Syllabus)</b> المنهاج الاسبوعي النظري	
	<b>Material Covered</b>
<b>Week 1</b>	<ul style="list-style-type: none"> <li>• WHAT IS COMPUTER?</li> <li>• Major Functions of Computer System)</li> <li>• CHARACTERISTICS OF COMPUTERS</li> </ul>

<b>Week 2</b>	-The Computer System -The Generations Of Computer -Classification Of Computer
<b>Week 3</b>	<ul style="list-style-type: none"> <li>• Components Of Computer Hardware</li> <li>• Application Of Computers</li> <li>• Central Processing Unit</li> </ul> Arithmetic Logic Unit
<b>Week 4</b>	<ul style="list-style-type: none"> <li>• Memory Unit</li> <li>• Input And Output Devices</li> <li>• I/O Ports</li> </ul>
<b>Week 5</b>	<ul style="list-style-type: none"> <li>• Types Of Software</li> <li>• System software</li> <li>• Application software</li> </ul>
<b>Week 6</b>	Exam 1
<b>Week 7</b>	<ul style="list-style-type: none"> <li>• Bus technology</li> </ul> Computer virus
<b>Week 8</b>	<ul style="list-style-type: none"> <li>• Network technology</li> <li>• Importance Of Networking</li> </ul>
<b>Week 9</b>	<ul style="list-style-type: none"> <li>• Network Devices</li> <li>• Wireless Networking</li> </ul>
<b>Week 10</b>	<ul style="list-style-type: none"> <li>• History Of Internet</li> <li>• The Internet Architecture <ul style="list-style-type: none"> <li>• World Wide Web (WWW)</li> </ul> </li> </ul>
<b>Week 11</b>	<ul style="list-style-type: none"> <li>• Data, Information And Knowledge <ul style="list-style-type: none"> <li>• Characteristics Of InformATIOn</li> </ul> </li> </ul>
<b>Week 12</b>	<ul style="list-style-type: none"> <li>• GIS</li> <li>• GPS</li> </ul>
<b>Week 13</b>	<ul style="list-style-type: none"> <li>• Wifi</li> <li>• Bluetooth</li> </ul>
<b>Week 14</b>	EXAM 2
<b>Week 15</b>	<b>Preparatory Week</b>
<b>Week 16</b>	<b>Final Exam</b>

### **Delivery Plan (Weekly Lab. Syllabus)**

المنهاج الاسبوعي للمختبر

	<b>Material Covered</b>
<b>Week 1</b>	Lab 1: windows skills:(create folder, create file, screen saver)
<b>Week 2</b>	Lab 2: windows skills:(compression, drives, storing files)
<b>Week 3</b>	Lab 3: windows skills:(start menu, task bar)
<b>Week 4</b>	Lab 4: windows skills:(control panel)
<b>Week 5</b>	Lab 5: word processor"(create new file, open ,edit, save, save as)
<b>Week 6</b>	Lab 6: word processor: ( draw shapes, draw different flowchart)
<b>Week 7</b>	Lab 7:word Processor: ( tables)
<b>Week 8</b>	Lab8: word Processor: (Insert Image)
<b>Week 9</b>	Lab 9: word Processor (chart)
<b>Week 10</b>	Lab 10: Mid Exam
<b>Week 11</b>	Lab 11: Power point(create new Presentation, open ,edit, save, save as)
<b>Week 12</b>	Lab 12: Power point (Translation slides, sorter slide, animation slides)
<b>Week 13</b>	Lab 13: Excel(create new sheet, open ,edit, save, save as)
<b>Week 14</b>	Lab 14: excel (formula, chart)
<b>Week 15</b>	Final Exam

### Learning and Teaching Resources

مصادر التعلم والتدريس

	<b>Text</b>	<b>Available in the Library?</b>
<b>Required Texts</b>	<b>Introduction to computers Prter Norton Mc Grow Hill 2025</b>	<b>No</b>
<b>Recommended Texts</b>		
<b>Websites</b>		

## APPENDIX:

GRADING SCHEME مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
<b>Success Group (50 - 100)</b>	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
<b>Fail Group (0 - 49)</b>	FX – Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
<b>Note:</b>				
NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				



ملاحظة: هذا النموذج تم وضعه وتقديمه من قبل مديرية ضمان الجودة في وزارة التعليم العالي والبحث العلمي