

# MODULE DESCRIPTION FORM

## نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	Computer and Programming I		Module Delivery
Module Type	HSS		<input checked="" 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
Module Code	CIV11002		
ECTS Credits			
SWL (hr/sem)			
Module Level	1	Semester of Delivery	
Administering Department	Civil Engineering	College	Al-Mansour University College
Module Leader	Hassanein Majeed Hassan	e-mail	hassanain.al-taiy@uoitc.edu.iq
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification	Ph.D
Module Tutor	Name (if available)	e-mail	E-mail
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	01/9/2023	Version Number	1.0

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
<b>Module Objectives</b> أهداف المادة الدراسية	<ol style="list-style-type: none"> <li>1. The student should be able and confident to use computer and Microsoft office (Word), and how to save manage files.</li> <li>2. Been able to write a program in visual basic.</li> <li>3. Providing the student with the necessary skills and mechanisms to deal with the latest developments in scientific and technical progress in their field of specialization.</li> <li>4. Instilling the spirit of diligence and perseverance and encouraging them to create and innovate</li> </ol>
<b>Module Learning Outcomes</b> مخرجات التعلم للمادة الدراسية	<ol style="list-style-type: none"> <li>1. Introduction to computers –and how to use ( word office )</li> <li>2. introduction, Introduction to Visual Basic Language and Environment</li> <li>3. Controls (Label, Textbox, Command Button )</li> <li>4. <i>Controls (Option buttons, Check boxes and List box and Combo box)</i></li> <li>5. <i>Controls (Frame, Line, and Shape and MsgBox() and Inputbox() functions )</i></li> <li>6. Controls (<i>timer , scrollbar</i>)</li> <li>7. For –next Loops</li> <li>8. nested loops with for loops</li> <li>9. Do until loop and Do While loops</li> <li>10. (IF.... THEN... Eels)</li> <li>11. select case – select statement )</li> <li>12. Matrix 1D</li> <li>13. Matrix 2D</li> </ol>
<b>Indicative Contents</b> المحتويات الإرشادية	

Learning and Teaching Strategies	
استراتيجيات التعلم والتعليم	
<b>Strategies</b>	<p>The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills by developing their own problem statements. This will be achieved through classes, interactive through the hands-on activities during using computers.</p>

Student Workload (SWL)			
الحمل الدراسي للطلاب محسوب لـ ١٥ اسبوعا			
<b>Structured SWL (h/sem)</b> الحمل الدراسي المنتظم للطلاب خلال الفصل	63	<b>Structured SWL (h/w)</b> الحمل الدراسي المنتظم للطلاب أسبوعيا	4
<b>Unstructured SWL (h/sem)</b> الحمل الدراسي غير المنتظم للطلاب خلال الفصل	62	<b>Unstructured SWL (h/w)</b> الحمل الدراسي غير المنتظم للطلاب أسبوعيا	4
<b>Total SWL (h/sem)</b> الحمل الدراسي الكلي للطلاب خلال الفصل	<b>125</b>		

Module Evaluation					
تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #11
	Assignments	5	5% (5%)	3 ,7 ,8 ,11 and 12	LO #1, - 7
	Report/ Lab.	3	15% (15)	Continuous	All
	Projects	1	10% (10)	12	All
Summative assessment	Midterm Exam	2hr	10% (10)	6 & 11	LO #1 - #7
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)	
المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Introduction to computers –and how to use ( word office )
Week 2	introduction, Introduction to Visual Basic Language and Environment
Week 3	Controls (Label, Textbox, Command Button )
Week 4	Controls (Option buttons, Check boxes and List box and Combo box))
Week 5	Mid1
Week 6	Controls (Frame, Line, and Shape and MsgBox() and Inputbox() functions )
Week 7	Controls (timer , scrollbar)
Week 8	For –next Loops

<b>Week 9</b>	nested loops with for loops
<b>Week 10</b>	Mid2
<b>Week 11</b>	Do until loop and Do While loops
<b>Week 12</b>	(IF.... THEN... Eels)
<b>Week 13</b>	select case – select statement
<b>Week 14</b>	Matrix 1D
<b>Week 15</b>	Matrix 2D
<b>Week 16</b>	Preparatory week before the final Exam

<b>Delivery Plan (Weekly Lab. Syllabus)</b> المناهج الاسبوعي للمختبر	
	<b>Material Covered</b>
<b>Week 1</b>	Lab1: Introduction to computers –and how to use ( word office )
<b>Week 2</b>	Lab2:introduction, Introduction to Visual Basic Language and Environment
<b>Week 3</b>	Lab3:Controls (Label, Textbox, Command Button )
<b>Week 4</b>	Lab4:Controls (Option buttons, Check boxes and List box and Combo box))
<b>Week 5</b>	Lab5:Mid1
<b>Week 6</b>	Lab6: Controls (Frame, Line, and Shape and MsgBox() and <b>Inputbox() functions</b> )
<b>Week 7</b>	Lab7:Controls (timer , scrollbar)
<b>Week 8</b>	Lab8:For –next Loops
<b>Week 9</b>	Lab9: nested loops with for loops
<b>Week 10</b>	Lab10:Mid2
<b>Week 11</b>	Lab11: Do until loop and Do While loops
<b>Week 12</b>	Lab12 :(IF.... THEN... Eels)
<b>Week 13</b>	Lab13 :select case – select statement
<b>Week 14</b>	Lab14 : Matrix 1D
<b>Week 15</b>	Lab15 : Matrix 2D

<b>Learning and Teaching Resources</b> مصادر التعلم والتدريس		
	<b>Text</b>	<b>Available in the Library?</b>
<b>Required Texts</b>		

<b>Recommended Texts</b>	1. البرمجة بلغة البيسك المرئي 2. 6.0 بيسك الفيچوال قواعد و أساسيات	No
<b>Websites</b>		

Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks %	Definition
<b>Success Group (50 - 100)</b>	<b>A - Excellent</b>	امتياز	90 – 100	Outstanding Performance
	<b>B - Very Good</b>	جيد جدا	80 – 89	Above average with some errors
	<b>C - Good</b>	جيد	70 – 79	Sound work with notable errors
	<b>D - Satisfactory</b>	متوسط	60 – 69	Fair but with major shortcomings
	<b>E - Sufficient</b>	مقبول	50 – 59	Work meets minimum criteria
<b>Fail Group (0 – 49)</b>	<b>FX – Fail</b>	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	<b>F – Fail</b>	راسب	(0-44)	Considerable amount of work required
<b>Note:</b> Marks 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.				