	Iraq Ministry of Higher Education and Scientific Research University of Anbar **Department of Information System**	

MODULE DESCRIPTOR FORM

Module Information				
Module Title	VISUAL PROGRAMMING II		**Module Type**	TYPE B
Module Code	ISDE323	**ECTS Credits**		8
Module Level	Three	**Semester of Delivery**		Six
Administering Department	IS	**Faculty**		CSIT
Module Leader	Baraa Tareq Hammad Al-showka	**e-mail**		Baraa.tareq@uoanbar.edu.iq
Module Leader's Acad. Title	Assistant Professor	**Module Leader's Qualification**		Ph.D
Module Tutor	Baraa Tareq Hammad Al-showka	**e-mail**		Baraa.tareq@uoanbar.edu.iq
Peer Reviewer Name	/	**e-mail**	/	
Review Committee Approval	DD/MM/YY	**Version Number**	2.0	

Relation With Other Modules	
Pre-requisites	ISDC308
Co-requisites	

Module Aims, Learning Outcomes and Indicative Contents	
Module Aims	The student's acquisition of the advanced topics of c# programming languages. Clarify the Complex aspects of C# language such as manipulation of objects collections. Working with characters, string, and regular expressions. Then, advanced topic such as structures, classes are clarified.

Module Learning Outcomes	Finally, constructed visual application using windows form applications.
	A- Knowledge and Understanding A1. Gain the ability and skill to build C# program and solve different problems. A2- Acquire the skills of advanced problem analysis. A3- Acquire the skills of solving complex mathematical concepts and build a program for them. B. Subject-specific skills B1. summer training B2. Graduate Research B3. Scientific Reports.
Indicative Contents	

Learning and Teaching Strategies

Strategies	Quizzes and monthly test. Exercises and activities in the classroom and Homework. Guide students to some websites to benefit from them.

Module Delivery

Structured workload (h/w)	8
Unstructured workload (h/w)	12
Total workload (h/w)	20

Module Evaluation

	Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Quizzes	1 or 2	6% (6)	5 or 5, 10	
Assignments	2	6% (6)	At the start	
Projects / Lab.	1	15% (15)	Continuous	
		5% (5)		
Midterm Exam	2 hr	18% (18)	8	
Final Exam	3 hr	50% (50)	16	All
Total		100% (100 Marks)		

Learning and Teaching Resources

	Text	Available in the Library?
Required Texts		Yes/No
Recommended Texts		Yes/No
Websites		

Delivery Plan (Weekly Syllabus)

	Material Covered
Week 1	Fundamentals of Strings
Week 2	string Constructors
Week 3	Comparing strings
Week 4	Locating Characters and Substrings in strings
Week 5	Extracting Substrings from strings
Week 6	Concatenating strings
Week 7	Miscellaneous string Methods
Week 8	Fundamentals of Characters
Week 9	Char Methods
Week 10	Regular Expressions
Week 11	Complex Regular Expressions
Week 12	Regex Methods Replace and Split
Week 13	Introduction to Structures
Week 14	Structures with Constructors

Week 15	Preparatory Week
Week 16	Final Exam

APPENDIX:

UNIVERSITYof Anbar				
GRADING SCHEME				
Group	**ECTS Grade**	**% of Students/Marks**	**Definition**	**GPA**
Success Group (50 - 100)	**A -** Excellent	Best 10%	Outstanding Performance	**5**
	B - Very Good	Next 25%	Above average with some errors	**4**
	C - Good	Next 30%	Sound work with notable errors	**3**
	D - Satisfactory	Next 25%	Fair but with major shortcomings	**2**
	E - Sufficient	Next 10%	Work meets minimum criteria	**1**
Fail Group (0 – 49)	**FX** – Fail	(45-49)	More work required but credit awarded	
	F – Fail	(0-44)	Considerable amount of work required	
Note:				

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.