Ministry Of Higher Education and Scientific Research

AL-Mustansaria University/College of Sciences /Department of Computer

(نموذج الخطة الدراسية للمساق)
Course Plan

Course No.: **2**

Course Name: **Visual C#.net 2013**   **Time Division:**   3hr Theoretical and 2hr Practical

Course Website: **Semester & Year:**   First , **2016/2017**

Course Description [Programming Language]

(3 credit hours, Prerequisite No. and Name)

Programming languages are the backbone in the specialty of Computer Science Department, so it must be given the highest priority from the first phase of study.
The Objectives of Visual C#.net 2013 (Course-I & Course-II)

- Prepare qualified programmers to produce systems according to the latest global programming languages, taking advantage of all privileges in Microsoft Visual C# .net 2013 programming language.
- Overcome all the obstacles faced by the students in subsequent academic years and particularly during graduation projects in the 4th stage.
- Supplement the government state institutions, corporations, and the labor market by specialized cadres in programming "theory & practice".

Course Intended Outcomes

At the end of the course, students are expected to learn:

- How to Write Code-Programs.
- How to Use the Toolbox Programming Environment of Visual C#.net 2013 in Window-Form Applications.
- How to Link the Toolbox with the Code-Program.

Course Outline

[Week 1].   Using Arrays: 1-D.

[Week 2].   Using Arrays: 1-D.

[Week 3].   Using Arrays: 2-D, 3-D, ... , N-D.

[Week 4].   Using Arrays: 2-D, 3-D, ... , N-D.

[Week 5].   Writing Methods (Functions & Procedures).

[Week 6].   Writing Methods (Functions & Procedures) and Applying Scope.

[Week 7].   Creating & Customizing Window-Forms Applications.

   (ListBox , ComboBox , Menu , DateTime , GroupBox , Multi – Forms Windows Application , ProgressBar , ... etc).

[Week 8].   Managing Errors and Exceptions.

[Week 9].   Creating Value Types with Enumerations.

[Week 10]. Working with Structures.

[Week 11]. Working with Structures.

[Week 12]. Working with Disk Files of any type (extensions): Text and Binary files (.bmp, .jpeg, .gif, .wav, .mp3, .doc, .docx, .pptx, .xlsx, .pdf, .avi, .mp4, .exe, .dll, ... etc).

[Week 13]. Open, Read, Copy, Rename, Delete, Move, Search into, Append, Write, Close, and Create Files of any extension.
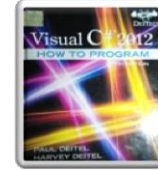
[Week 14]. Object-Oriented Programming Concepts.

[Week 15]. Creating and Managing "Classes" and "Objects".

Textbooks

1. John Shap, "Microsoft Visual C# 2013: developer // Step-by-Step", Published with the authorization of Microsoft Corporation by: O'Reilly Media, Inc., California, 2013.

2. Paul Deitel and Harvey Deitel, "Visual C# 2012: How to Program", Fifth Edition, Copyright © Pearson Education, Inc., publishing as Prentice Hall, USA, 2014.

Suggested references

Marking [النظري ٧١ درجة والعملي ٢٩ درجة]

First Exam   8 marks   ,   Second Exam   8 marks   ,   Activity + Quizzes   10 marks   =   26 [السعي النظري]

Final Exam   45 marks

Regulations

1. There will be two term exams given during this semester. The Average of both exams will be considered. Missing one of the two exams means a ZERO grade will be given for that exam.

2. Attendance is mandatory and University regulations will be enforced.

3. All Cheating incidents will be reported to the chair. The following activities are considered cheating:

    a. Copying answers in a test or quiz.

    b. Taking a test or quiz for someone else.

    c. Having someone else take a test or quiz for you.

    d. Turning in assignment that includes pats of someone else work.

    e. Turning in someone else assignment as your own.

    f. Giving assignment to someone else to turn in as their own.

4. See student handbook for other regulations.

Assignments and/or Projects

Assignment/Project	Description	Due Date	Marking
Set of Home-Works	At the end of each chapter , in addition to other Home-Works	One Week After the Assignment Date	4 Marks
Quizzes	Two or more quizzes	During the course	6 Marks

Instructor(s) information

Section : 1   **Lecture Room** : 301 , 302 & 401

Instructor's Name : *Assist. Prof. Dr. Mustafa Dhiaa Al-Hassani*   **E-Mail** : dr_mdhiaa77@yahoo.com   **Office No.** : 7

Office Hours :

جدول الدروس الأسبوعي للعام الدراسي ٢٠١٦-٢٠١٧ الكورس (2)

	8:50 – 8:00	9:40 – 8:50	10:40 – 9:50	11:30 – 10:40	12:30 – 11:40	1:20 – 12:30	
الأحد	O. H.			برمجة مهيكلة (VC#.net) **B1** م٣	برمجة مهيكلة (VC#.net) شعبة **B** — قاعة 401		
الأثنين	برمجة مهيكلة (VC#.net) **A1** م٢	برمجة مهيكلة (VC#.net) **A2** م٣		O. H.	برمجة مهيكلة (VC#.net) شعبة **A** — قاعة 301	
الثلاثاء	برمجة مهيكلة (VC#.net) شعبة **A** — قاعة 302	O. H.	برمجة مهيكلة (VC#.net) شعبة **B** — قاعة 401	O. H.		
الأربعاء	⫼ OFF	⫼ OFF	⫼ OFF	⫼ OFF	⫼ OFF	⫼ OFF
الخميس	متابعة طلبة المشاريع والإشراف على طلبة الماجستير (.O. H)					

أ. م. د. مصطفى ضياء الحسني

Lecturer Signature   **Chair Signature**