جامعة الملك سعود

كلية الدراسات التطبيقية وخدمة المجتمع

الفصل الدراسي الأول 1437 / 1438هـ خطة مقرر 201 عسب

**GC201 Visual Programming**

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| **أستاذة المقرر** | **أوقات المحاضرات** | **الساعات المكتبية** | **المكتب** | **البريد الإلكتروني** | **الموقع الإلكتروني** |
| ساره الشعلان | الثلاثاء 10-11 (تمارين)  الأربعاء 10-12 (عملي)  الأربعاء 12-1  الخميس 8-10 | الأربعاء  9-10  الخميس 10-11 | مبنى 26  ق2 | saalshalan@ksu.edu.sa | http://fac.ksu.edu.sa/saalshalan |

**References**:

* Handouts & lecture notes
* Text Book : Michael Halvorson, Microsoft Visual Basic 2010 Step by Step, Microsoft Press, 2010
  + Other References:
    - Douglas Bell and Mike Parr, Visual Basic.Net for Students, Pearson, 2003
    - Visual Basic 2010 how to program by Deitel.

**Course Description:**

The aim of this course is to introduce the concepts of computer programming using Visual Basic. It gives a Practical understanding of the following:

* Manipulate the Visual Basic(VB) development environment
* Create a graphics programs
* Write and manipulate Variables and calculations
* Write and manipulate Methods and arguments
* Identify the main features of Object Oriented Programming
* Use objects
* Use Selection – If and Select
* Use Repetition – For, While and Do
* Write classes
* Write and manipulate classes based on the Inheritance
* Use and manipulate Files

**Grading Policy:**

* First Mid 15%
* Second Mid 15%
* Two Quizzes 10%
* Lab Work 10% - weekly
* Final Lab 10%
* Final Exam 40%

**Class Rules:**

* Please check the instructor’s website for course material and announcements.
* This course requires constant studying. If you have any questions please do not hesitate to contact me.
* Attendance is very important if you miss class more than 25% you will be forbidden to enter the final exam
* If you’re late you may attend but you will be considered absent.
* If you miss one of the major exams you will be not excused unless the instructor accepts your formal medical report.
* Lab work requires your attendance. It is not a group work therefore you need to study before the lab time to be able to finish the required assignments. Please keep a flash memory with you to save your work.
* Your solutions to the weekly sheet should be **printed** and not hand-typed. If it is more than one page it should be **stapled**. Keep your sheets neat and tidy.
* You should also hand your programs in a **CD** attached to the sheet (i.e. you print the code **and** hand it in a CD).
* Both your sheet and CD should be **labeled** with these information:
  + Name
  + ID
  + Sheet number
  + Course name
  + Section
* Copied assignment will be marked by zero.
* Late assignment will not be accepted.