



Course Outline

Course Name : Visual Basic Programming (0306214)

Prerequisite Course Name : Computer Programming II (0306211)

Lecturer Name: Salah F. Saleh.

Lecturer Office Number: 217D

Lecture Time: ? :00 – ? :00 (Sun, Tue, Thu)

Office Hours : 1:00 – 2:00 (Sun, Tue, Thu)

Intended Learning Outcomes (ILOs):

- Student will has skills of
 1. Structuring data and information.
 2. Analysis, prediction, and generalization.
 3. Formal methods and description techniques.
- Student will be able to
 1. Use the computer tools effectively to solve practical problems.
 2. Recognize and analyze criteria and specifications to specific problem.
 3. Work effectively as part of a team.
 4. Do independent learning and continue professional development.

Contents Outline:

Subject	Hours
1. Introduction Writing Windows application with VB, Objects, methods, properties, events, writing VB project, VB files and environment, small VB program.	3
2. Visual Basic Controls Command button, text box, label, frame, check box, option button, scroll bar, image, picture, timer.	9
3. Visual Basic Code Writing Variables and data types, constants, scope rule of variables, arithmetic expressions and calculations, control structures, message box and input box, sub procedure and sub function, data array and control array.	9

4. Multiple forms and MDI.	3
5. More Visual Basic Components List box, combo box, menus, toolbars, dialog controls, error trapping, data control and other data handling controls, multimedia, Microsoft Agent.	15

Text Book:

- Programming in Visual Basic 6.0, by J. C. Bradley.

Useful References:

1. Lecturer Notes: http://sybase_server/csd/online/online_new/0306214/vb/
2. Visual Basic 6: How to program, by Deitel, Deitel and Nieto.
3. SAMS teach yourself Visual Basic 6 in 21 days, by G. Perry

Teaching Methods:

- Lectures
- Lab Assignments.
- Project.
- Practical Training Sessions.
- Tutorial

Assessment:

- First Exam: 15
- Second Exam 15
- Homework & Quizzes 10
- Project 10
- Final 50

Good Luck