Course Description
This course covers fundamental concepts in programming using the Visual Basic programming language. Data structures and file management techniques are also covered in this course.

Course Requirements
There will be 5 quizzes during the term, a comprehensive final examination and 5 programming assignments. Late programs will receive no credit. There will be no makeup exams or quizzes. These requirements count as below toward the course grade; cutoff points are A: 90%, B: 80%, C: 65%, D: 50%.

Class Work
Assignments will be given as practice problems, which each student is expected to complete individually. It is considered cheating to copy someone else's homework.

Class Participation
Class attendance and participation will be considered in determining your final grade. All assigned readings and homework problems should be completed on time and you should be prepared to discuss or present your solutions/ideas with the class. Each student is expected to read the assigned materials before each class. If you miss any class, you are responsible for the materials for that class. Do not expect the instructor to repeat or summarize a lecture for you. After having made an effort to learn the missed material, see the instructor with any questions.

Assistance:
You can reach the instructor via email/phone as stated above.

Texts/Software
Publisher: Addison-Wesley
Author: Tony Gaddis, Kip R Irvine.
Starting Out with Visual Basic 2008 Update, 4/E

Required Software: Microsoft Visual Studio 2008
Course Outline

1. Introduction to Programming and Visual Basic 2008
2. Creating Applications With Visual Basic
3. Input, Variables, Exceptions, And Calculations
4. Making Decisions and Working With Strings
5. Lists, Loops, Validation, and More
6. Procedures And Functions
7. Multiple Forms, Standard Modules, And Menus
8. Arrays, Timers, and More
9. Files, Printing, and Structures
10. Working With Databases
11. Developing Web Applications
12. Classes, Exceptions, Collections, and Scrollable Controls