

COURSE OUTLINE

MSFT-113

Mastering Microsoft Visual Basic 6 Development

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course teaches Microsoft® Visual Basic® programmers how to create database applications using components. (3 hours lecture, 1 hour lab)

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. Write a Microsoft Visual Basic-based application that accesses data from a database.
2. Write a Visual Basic-based application that uses component object model (COM) components.
3. Create an ActiveX® control; create a COM component.
4. List the opportunities that Visual Basic developers have to incorporate Internet technologies into their applications.

Major Topics

- I. Essentials of Microsoft Visual Basic
- II. Using Visual Data Access Tools
- III. Using Class Modules
- IV. Building ActiveX Controls
- V. Using ActiveX Data Objects
- VI. Advanced Data Access Issues
- VII. Using COM Components
- VIII. Building COM Components
- IX. Optimizing and Deploying an Application
- X. Building Internet Applications

About Microsoft Curriculum at HCC

When a student takes a Microsoft course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking Microsoft courses at HCC, the student may expect not only instruction from Microsoft materials but additional academic and practical exercises and course work to better equip the student not only for the corresponding certification exam but for eventual utilization in their professional endeavors.

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following: two quizzes or exams and one lab activity.

Other Course Information

This course is a Network Administration core course.

This course is also intended for students who wish to become a Microsoft Certified Systems Engineer (MCSE).