

COURSE OUTLINE

MSFT-117

Mastering Web Application Development Using Microsoft Visual InterDev 6 3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course teaches site developers who perform architectural planning, technology selection, or Web site programming tasks how to create enterprise-level Web sites that use component object model (COM) components on both the client and the server. (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

1. Describe the issues involved in creating an enterprise Web site.
2. Create and publish a simple Web site with Microsoft® Visual InterDev™ Web development system version 6.0.
3. Create interactive content for a Web site.
4. Add server scripting to a Web page using active server pages (ASP) and COM components.
5. Implement security in a Web site.
6. Read and write information to an OLE DB provider from ASP using Visual InterDev data tools.
7. Build reusable, robust COM components with Microsoft Visual Basic® programming system version 6.0 that are compatible with Microsoft Transaction Server (MTS).
8. Integrate Web solutions with Microsoft BackOffice® family services.

Major Topics

- I. Planning a Web Site
- II. Introducing Microsoft Visual InterDev
- III. Using Dynamic HTML
- IV. Using Active Server Pages
- V. Accessing Databases
- VI. Understanding Data Access

- VII. Creating COM Components
- VIII. Using Microsoft Transaction Server
- IX. Integrating Other Microsoft Server-Side Technologies

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).