About the Major

The Associate in Science degree in Internet Services Technology is designed to train students for employment as developers of Web enabled software. Upon completing the program, the students will be able to design, implement, and maintain Web based software solutions. The program combines a solid foundation in traditional programming skills with those skills required for Internet based client/server applications development.

Skills You Will Learn...

- Dreamweaver
- HTML
- C++
- ASP.NET
- XML
- IIS/Apache
- Linux
- and more...

The Advantage of the Degree

The Internet Services Technology A.S. degree program prepares students for entry-level positions in a variety of Internet related fields. Your job will include front-end web-page layout as well as back-end Web-page creation and maintenance. Internet specialists are technologically-oriented individuals with a creative flair. They enjoy keeping abreast of the latest technological advances and possess excellent problem-solving skills. Like professionals in other computer-related careers, their skills are in high demand.

Position | Median Salary
--- | ---
Internet applications Specialist | $65,450
Internet applications Manager | $84,539

Source for position and salary information is the Department of Labor and Statistics.

Visit our Web Site: http://entec.mdc.edu Call: 305-237-8888 Email: ENTEC@mdc.edu
The Internet Services Technology program provides an opportunity to establish a basic foundation in the field of web site design and programming for employment in commercial, industrial, and government institutions. Graduates are prepared for positions as web technicians, web administrators, web site developers, and web masters.

**Course**  
**Course Title**  
**Credits**

**GENERAL EDUCATION REQUIREMENTS—15 CREDITS REQUIRED**

ENC1101 English Composition I 3  
SPC1017 Fundamentals of Speech Communication 3  
PHI2604 Critical Thinking/Ethics 3  
CLP1006 Psychology of Personal Effectiveness 3  
MAC1105 College Algebra 3

**Computer Competency (0 credits)**

CGS1060 Intro to Microcomputer Usage

**MAJOR COURSE REQUIREMENTS – 48 CREDITS REQUIRED**  
(Select the following courses)

CGS1060 Intro to Microcomputer Usage 4  
CTS1800 Introduction to Webpage Development 4  
COP2822 Webpage Design and Programming 4  
COP2825 Implement Internet Server (IIS/Apache) 4  
CTS1134 Networking Technologies 4

**Microsoft Program Core**

COP1332 Intro. To Visual Basic Programming 4  
CTS1437 Microsoft SQL Administration 4  
CTS2306 Implementing a Network Infrastructure 4  
CGS2172 Implementing Commerce Enabled Website 4

**And**

Must take 4 credits from the following:

CTS2463 C# Web Application Development 4  
COP2823 ASP/Script Language Programming 4

Must take 4 credits from the following group:  
(CAP*, CEN*, CGS*, CIS*, COP*, CTS*) under your advisor’s guidance.

**Requirement Note:**  
Student must attempt CGS1060 by the sixteen Earned College-Level Credit.

*NEW* Bachelor of Science in Information Systems Technology Requirements:

ECO 2013, STA 2023, CGS 1060, CGS 1540, COP 1334, and either CTS 1134 or CTS 1650 are pre-requisites for the MDC **BS-IST**.

This suggested schedule is only one possible method to complete your degree requirements. It is highly recommended that you seek the advice of an EnTec department advisor and/or faculty member.

**First Term**  
**Microsoft Option**  

CGS1060 Introduction to Microcomputer Usage 4  
CTS1800 Introduction to Webpage Development 4  
CLP1006 Psychology of Personal Effectiveness 3  
ENC1101 English Composition I 3

**Second Term**  

COP1332 Intro. To Visual Basic Programming 4  
CTS1134 Networking Technologies 4  
CTS1437 Microsoft SQL Administration 4  
MAC1105 College Algebra 3

**Third Term**  

CTS2433 Microsoft SQL Implementation 4  
COP2822 Webpage Design & Programming 4  
CTS2306 Implementing a Network Infrastructure 4  
PHI2604 Critical Thinking/Ethics 3

**Fourth Term**  

SPC1017 Fund. of Speech Communication 3  
COP2823 ASP/Script Language Programming 4  
COP2825 Implementing an Internet Server 4  
Computer Elective I 4

**Fifth Term**  

CGS2172 Impl. a Comm. Enable Website 4

FOR FURTHER INFORMATION

The Miami Dade Foundation supports the mission and values of Miami Dade College by encouraging gifts from a wide variety of sources, particularly in the areas of scholarship and program support. For more information on how you can contribute to the College, please call MDC at 305-237-6888.

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