COUNTY COLLEGE OF MORRIS

WEB DEVELOPMENT
Certificate of Achievement

WHAT YOU WILL LEARN

The Department of Information Technologies certificates of achievement at CCM are designed for current or aspiring professionals seeking a skillset upgrade or a new career. The 16-credit Certificate of Achievement in Web Development is designed for current or future professionals who are inspired to solve important global problems by using the power of technology. The five-course curriculum includes The Internet and Web Page Design, Web Design II and Web Development Workflow providing a balance of theory and hands-on experience.

WHY STUDY WEB DEVELOPMENT AT CCM?

Technology provides the tools to help change the world. It's embedded in all aspects of life from health care to fashion, from financial systems to art and entertainment, and everything in between. Creative solutions are required to solve tomorrow's problems and computing skills are an essential element for achieving results.

The Certificate of Achievement program at CCM is designed for full-time or part-time students who are working in or desire to work in the field of Web Development. Students gain an understanding of creating Web pages using

CONTACTS

Information Technologies Department
973-328-5780
Emeriti Hall, Room 225

Website:
www.ccm.edu/infotech

continued on back...

basic and advanced Hypertext Markup Language (HTML) concepts, along with an introduction to JavaScript, and some basic programming concepts. Basic skills in a variety of Internet specialties such as Internet Protocols, Internet Addressing and Internet Naming Schemes are acquired. Basic training in configuring and utilizing email, FTP, news and browser software is provided. Basic applications using the leading Web development languages and standards are incorporated. Students gain an understanding of how to use advanced graphic techniques to create visually attractive graphics and advanced design techniques to create navigationally sound Web pages.

The certificate may be earned while pursuing an Associate of Applied Science (AAS) degree in Information Technology at CCM. Classes in web development may overlap making the completion of the certificate available before or at the same time as the completion of the degree program.

Visit the department website for more information www.ccm.edu/academics/divdep/bmet/department-of-information-technologies/.

COURSE	CR
The Internet and Web Page Design	3
Web Design II	3
Web Design Workflow	4

Restricted Electives* (6 CR)

Choose two courses from the following list

Computer Science I	3
Mobile App Design	3
Foundations of Information Security	3
Database Programming (Oracle)	3
Multimedia I	3
Multimedia II	3
Digital Media Production	3
Animation	3
Advanced Animation	3
Advanced Web Programming	3

Total Certificate Credits	16

Note: You must see a faculty advisor to plan your sequence of courses. For the most up-to-date listing of courses, see the Curriculum Checklist for this program on the CCM website at www.ccm.edu/checksheets