

Northern Virginia Community College 2008-2009 Catalog

The IT courses in following career studies certificate may be used to complete the AAS degree in Information Systems Technology, or the program may be taken on its own.

INFORMATION SYSTEMS TECHNOLOGY:

Web Design and Development

Career Studies Certificate

AL, AN, MA, WO

Purpose: This career studies certificate provides the student with the aesthetic, technical and management knowledge required for the creation and management of well-designed and well-organized Web sites. It also prepares the student to design, implement, and deploy Web applications and Web services using industry standard development environments and multi-tier platforms.

One Year	Credits
1st Semester	
¹ ENG/SPD Elective	3
ITD 110 Web Design I	3
ITP 120 JAVA I or ITP 112 VB.Net I or ITP 136 C# Programming I	4
ITP 225 Web Scripting Languages	<u>4</u>
Total	14
2nd Semester	
ITD 112 Designing Web Page Graphics	3
ITD 210 Web Page Design II	3
ITP 246 JAVA: Server-side Programming or ITP 244 ASP.Net: Server-side Programming	4
ITP 251 Systems Analysis and Design	<u>3</u>
Total	13

Total credits for the Web Design and Development Career Studies Certificate = 27.

IT courses used for this program may not be more than 10 years old, unless approved by division dean.

¹ ENG/SPD elective must be selected from the following: ENG 111, SPD 100, 110, 115, 126, 227 or 229.