

INFORMATION SYSTEMS TECHNOLOGY

SECTION A:

The IT electives in the IST AAS degree must be met by completing **ALL** of the IT courses in **ONE** of the career studies certificates listed in section A, in which the following program is included:

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.

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