

ADVANCED WEB SITE DEVELOPER CERTIFICATE

41 Semester Credit Hours; Curriculum: 0461

Code	Title	Hours
Courses for a Certificate		
CAB 140	Database Application Using Access	3
CIS 111	Fundamentals of the Internet	2
CIS 131	Web Page Development	4
CIS 152	Web Development Tools	3
CIS 171	Advanced Web Page Development	3
CIS 180	Introduction to Visual Basic .NET Programming	4
or CIS 211	Java Programming	
CIS 188	Active Server Pages	4
CIS 214	Web Site Maintenance and Management	4
CIS 232	Web Scripting	4
CIS 248	Web Database Management	4
Select one course of the following:		3
CSC 155	C++ Computer Science I	
CSC 156	Java Computer Science I	
CSC 157	Python Computer Science I	
Select additional Web-related courses in CIS, ART, CAB, CNS, EGL, and MKT; Contact an academic advisor for a list of acceptable courses		3
Total Hours		41

Prior to pursuing this certificate, it is strongly recommended that students have taken a computer literacy course, e.g., CIS 103 or a software applications course (e.g., CAB 130, CAB 135) or possess equivalent knowledge. Credits earned in these courses may not be applicable to this certificate. Consult the coordinator for further information.

Advanced Web Site Developer Certificate Pathway

The following Pathway is recommended for students pursuing the Advanced Web Site Developer Certificate.

Course	Title	Hours
First Year		
Semester One		
CAB 140	Database Application Using Access	3
CIS 111	Fundamentals of the Internet	2
CIS 131	Web Page Development	4
Additional Web-related courses in CIS, ART, CAB, CNS, EGL, and MKT		3
Hours		12
Semester Two		
CIS 152	Web Development Tools	3
CIS 171	Advanced Web Page Development	3
CIS 180	Introduction to Visual Basic .NET Programming	4
or CIS 211	or Java Programming	
Select one of the following:		3
CSC 155	C++ Computer Science I	
CSC 156	Java Computer Science I	
CSC 157	Python Computer Science I	
Hours		13

Second Year

Semester One

CIS 188	Active Server Pages	4
CIS 214	Web Site Maintenance and Management	4
CIS 232	Web Scripting	4
CIS 248	Web Database Management	4
Hours		16
Total Hours		41

Note: Pathway is a recommended sequence and selection of courses. Part-time students should contact the program coordinator to discuss the part-time pathway as well as course prerequisites and recommendations.