

Associate in Applied Science in Internet Specialist

PROFESSIONAL TECHNICAL
2014-2015 Degree Requirements

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	101	Intro to Computers & Information Technology	5		
CS	102*	Programming Fundamentals (minimum grade 2.5)	5		
CS	106	Database Systems	5		
CS	117	Computer Ethics	2		
CS	118	Customer Service	3		
CS	123	PC Hardware	5		
CS	127	Windows Configuration	5		
CS	150	Computer Security	5		

Subtotal 35

Major Support

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	111	Web 2.0	5		
CS	114	HTML/XHTML (Internet Publishing 1)	5		
CS	115	JavaScript/CSS (Internet Publishing 2)	5		
CS	203	Digital Graphics & Design 1	5		
CS	218	ASP.Net	5		
CS	216	XML (Internet Publishing III) or	5		
CS&	131	Computer Science I C++ or	5		
CS&	141	Computer Science I Java w/ Android Devices	5		
CS	229	Webmaster	5		
CS	243	Web Animation	5		

Select 5 credits from the following:

CS	140	SharePoint	5		
CS	223	Unix/Linux	5		
CS	228	Windows Server	5		
CS	244	Digital Graphics & Design 2	5		

Subtotal 45

General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
ENGL&	101+	English Composition I or above	5		
MATH	106+	MATH 106 or above	5		
Psychology or Sociology (select 5 credits)					
PSYC&	100+	General Psychology or above or	5		
SOC&	101	Intro to Sociology or	5		
SOC&	201	Social Problems	5		
Communication Studies (select 3-5 credits)					
CMST	101	Speech Essentials or	3		
CMST	110	Communication Behavior or	3		
CMST&	210	Interpersonal Communication or	5		
CMST&	220	Public Speaking or	5		
CMST	260	Multicultural Communication	5		

Subtotal 18-20

Total Credits Required 98-100

Note: MATH 095 or MATH 098 with minimum grade 2.0 is prerequisite for all programming classes. Students must receive minimum 2.0 grade in all CS courses, except as noted above.*

Students who complete this degree have entry-level skills in these areas: Internet publishing, computer graphics design, database management, creating web sites optimized in all aspects of design including technical design, visual design, usability, and accessibility, use of HTML/XHTML, CSS, XML, JavaScript, ASP.Net, VB and SQL, creating graphics using Adobe Photoshop, creating videos using Flash, and using Web 2.0 sites to host calendars, images, video, and other high bandwidth content.

Career opportunities: web developer, web designer, web help desk, web manager, and Internet specialist.