CIS/Web Development

Computer Information Systems

Associate in Applied Science

Advisor: Dr. Carol Buse Email: acbuse@actx.edu

The CIS curriculum provides several program concentrations that prepare an individual for today's business computer industry opportunities. This program prepares an individual for entry-level position in the area of Web development.

MAJOR CODE: COSC.AAS (Web)

COURSE NUMBERS	COURSE NAMES	HOURS		
GENERAL EDUCATION REQUIREMENTS			**15**	
Communication – 3 Hours				
ENGL 1301:	Composition I	3		
Social/Behavioral Sciences – 3 Hours				
BCIS 1305:	Business Computer Applications	3		
Institutional Requirement – 3 Hours				
Speech*		3		
Language, Philosophy & Culture/Creative Arts – 3 Hours				
Language, Philosophy and Culture** or Creative Arts***		3		
(Suggested ARTS 1311 - Design 1)				
Mathematics/Natural Sciences – 3 Hours				
MATH 1324:	Math for Business & Social Sciences	3		
or				
MATH 1314	College Algebra	3		
MAJOR COURSE REQUIREMENTS			**30**	
ITSC 2335:	Application Software Problem Solving	3		
COSC 1315:	Introduction to Computer Programming	3		
COSC 1320:	C Programming	3		
CPMT 1351:	IT Essentials: PC Hardware and Software	3		
INEW 2334:	Advanced Web Programming	3		
ITSC 1307:	Unix Operating System I	3		
ITSE 1311:	Beginning Web Page Programming	3		
ITSE 2309:	Database Programming	3		
ITSE 2347:	Advanced Database Programming	3		
ITSY 1342:	Information Technology Security	3		
MAJOR ELECTIVE REQUIREMENTS			**3**	
CIS Elective:	CIS Elective	3		
MAJOR OPTIONS			**12**	
ARTC 1325:	Introduction to Computer Graphics	3		
IMED: 1316	Web Page Design I	3		
IMED 2315:	Web Page Design II	3		
ITSE: 2302	Intermediate Web Programming	3		
	TOTAL HOURS		**60**	

*Speech credit must come from Amarillo College approved list found at:
http://catalog.actx.edu/preview_program.php?catoid=13&poid=2446

** Language, Philosophy & Culture credit must come from Amarillo College approved list found at:
http://catalog.actx.edu/preview_program.php?catoid=13&poid=2254

*** Creative Arts credit must come from Amarillo College approved list found at:
http://catalog.actx.edu/preview_program.php?catoid=13&poid=2245