

C# and Mobile Device Programming Certificate

PROFESSIONAL TECHNICAL 2012-2013 Certificate Requirements

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	102	Programming Fundamentals (minimum grade 2.5)	5		
CS	106	Database Systems or	5		
CS	225	SQL Server Programming	5		
CS	117	Computer Ethics or	2		
CS	118	Customer Service	3		
CS	150	Computer Security	5		
CS	173	C# Programming	5		
CS	262	Game Programming Design & Development	5		
CS	264	Android Application Development or	5		
CS	265	Objective-C/iPhone Programming or	5		
CS	272	Windows Phone Programming	5		
CS	273	Advanced C# Programming	5		
CS	275	Secure Coding & Software Development/Sr. Project	5		

Total Credits Required 42-43

C-Sharp (C#) is a computer programming language that is widely used by most software solution companies. Students who complete this certificate will have basic skills to write applications for emerging markets. The curriculum focuses on traditional desktop technology and moves into Windows Mobile Device, game, and database programming. The students gain experience using Microsoft Visual Studio .Net technology to develop applications, and will have the opportunity work on team projects. Career opportunities: C# programming and mobile device programming jobs. Mobile devices: Windows phones, Androids, or iPhone/iPad.