

# Java, Web, and Mobile Device Programming Certificate

PROFESSIONAL TECHNICAL  
2017-2018 Certificate Requirements

## Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	106	Database Systems	5		
CS	114	HTML5-HTML	5		
CS	115	HTML5-Cascading Style Sheets	5		
CS	117	Computer Ethics <i>or</i>	2		
CS	118	Customer Service	3		
CS&	141	Computer Science I Java	5		
CS	223	UNIX/Linux	5		
CS	225	SQL Server Programming	5		
CS	236	Advanced Object Oriented Programming	5		
CS	250	HTML5-JavaScript/JQuery	5		

**Total Credits Required 42-43**

Note: MATH 094 or MATH 095 or MATH 098 with minimum grade 2.0 is prerequisite for all programming classes. Students must receive minimum 2.5 grade in all CS courses.