



CSIS - Computer Programming Associates Degree or Certificate of Achievement

Subject & Number	Title	Units
CSIS 112	Windows Operating Systems	3
<u>Or</u>		
CSIS 113	Introduction to Linux	(3)
CSIS 119	Introduction to Computer Programming	3
CSIS 293	Introduction to Java Programming	4
CSIS 294	Intermediate Java Programming	4
	Introduction to C++ Programming	4
CSIS 296		4
<u>AND</u>		
CSIS 297	Intermediate C++ Programming	4
<u>OR</u>		
	(Take the 296+297 sequence or 250+251 sequence, your choice)	
CSIS 250	Introduction to Python Programming	4
<u>AND</u>		
CSIS 251	Intermediate Python Programming	4
		Total
		22

Additionally, select at least TWO (2) of the following courses:

CSIS 132	Introduction to Web Development	3
CSIS 133	Intermediate Web Development	3
CSIS 135	Introduction to JavaScript Programming	3
CSIS 165	Assembly Language and Machine Architecture	4
CSIS 250	Introduction to Python Programming	4
CSIS 251	Intermediate Python Programming	4
CSIS 276	Introduction to SQL	4
CSIS 290	Introduction to C# Programming	4
CSIS 295	Android Application Development with Java	4
CSIS 296	Introduction to C++ Programming	4
CSIS 297	Intermediate C++ Programming	4
	Total	6-8
Total Required: Plus General Education and Elective Requirements		28-30