

**Associate in Applied Science
Computer Technology (AAS.CPT.PROG 35104)
Programming**

**Total Credit Hours: 69
Effective: Fall 2016**

Graduation Plan

First Semester			
	Credit Hours	Prerequisites	Done
COL 101 College Orientation	1		<input type="checkbox"/>
*CPT 168 Programming Logic and Design	3		<input type="checkbox"/>
*CPT 170 Microcomputer Applications	3	Recommended: AOT 101, AOT 105, or equivalent	<input type="checkbox"/>
*ENG 101 English Composition I	3	Co-requisite ENG 032 or equivalent	<input type="checkbox"/>
*IST 188 Hardware Basics and Operating Systems	5	ENG 031 or equivalent MAT 033 or equivalent Minimum grade of C	<input type="checkbox"/>
*MAT 110 College Algebra	3	MAT 105 or equivalent Minimum grade of C	<input type="checkbox"/>
TOTAL	18		

Second Semester

	Credit Hours	Prerequisites	Done
*CPT 212 Visual Basic Programming	3	CPT 168 and IST 188 Minimum grades of C	<input type="checkbox"/>
*CPT 230 C# Programming I	3	IST 188 and CPT 168 MAT 105 or equivalent Minimum grades of C	<input type="checkbox"/>
*CPT 270 Advanced Microcomputer Applications	3	CPT 170	<input type="checkbox"/>
ENG 160 Technical Communications	3	ENG 101 or equivalent Minimum grade of C	<input type="checkbox"/>
HSS 205 Technology and Society	3	Co-requisite ENG 032 or equivalent Minimum grade of C	<input type="checkbox"/>
*IST 226 Internet Programming	3		<input type="checkbox"/>
TOTAL	18		

Third Semester

	Credit Hours	Prerequisites	Done
*CPT 231 C# Programming II	3	CPT 230 Minimum grade of C	<input type="checkbox"/>
*CPT 236 JAVA Programming I	3	CPT 168 and CPT 188 Minimum grades of C	<input type="checkbox"/>
*CPT 242 Database	3	CPT 168 Minimum grade of C	<input type="checkbox"/>
ECO 210 Macroeconomics OR		Co-requisite ENG 032 or equivalent	<input type="checkbox"/>
ECO 211 Microeconomics OR		Co-requisite ENG 032 or equivalent	<input type="checkbox"/>
PSC 201 American Government OR		Co-requisite ENG 032 or equivalent	<input type="checkbox"/>

* Courses in this program that require a minimum grade of "C."

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PSY 201 General Psychology	3	Co-requisite ENG 032 or equivalent	<input type="checkbox"/>
MAT 165 Statistics	3	MAT 105 or equivalent Co-requisite ENG 032 or equivalent Minimum grade of C	<input type="checkbox"/>
SPC 205 Public Speaking	3	Co-requisite ENG 032 or equivalent	<input type="checkbox"/>
TOTAL	18		

Fourth Semester

	Credit Hours	Prerequisites	Done
*CPT 244 Data Structures	3	CPT 230 MAT 110 or equivalent Minimum grade of C	<input type="checkbox"/>
*CPT 264 Systems and Design	3	CPT 212 or CPT 230 or CPT 236 Minimum grade of C	<input type="checkbox"/>
*IST 220 Data Communications	3		<input type="checkbox"/>
*IST 272 Relational Database	3	CPT 242 Minimum grade of C	<input type="checkbox"/>
*CPT 213 Visual Basic II OR		CPT 212 Minimum grade of C	<input type="checkbox"/>
*CPT 232 C++ Programming I OR		CPT 168 and IST 188 Minimum grades of C	<input type="checkbox"/>
*CPT 237 Advanced JAVA Programming OR		CPT 236 Minimum grade of C	<input type="checkbox"/>
*CPT 238 Internet Scripting OR		CPT 236 and IST 226 Minimum grades of C	<input type="checkbox"/>
*CPT 246 Introduction to XML	3	IST 188, IST 226 and CPT 168 Minimum grades of C	<input type="checkbox"/>
TOTAL	15		

* Courses in this program that require a minimum grade of "C."