

**Associate in Applied Science**  
**Computer Technology (AAS.CPT.NETWK 35104)**  
**Networking**

**Total Credit Hours: 69**  
**Effective: Fall 2011**

**Graduation Plan**

<b>First Semester</b>			
	<b>Credit Hours</b>	<b>Prerequisites &amp; Co-requisites</b>	<b>Done</b>
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	RDG 100, ENG 032 or equivalent	<input type="checkbox"/>
*IST 188 Hardware Basics and Operating Systems	5	ENG 032, RDG 031, MAT 032 or equivalent - Minimum grade of C	<input type="checkbox"/>
*MAT 110 College Algebra	3	MAT 102 - Minimum grade of C	<input type="checkbox"/>
<b>TOTAL</b>	<b>18</b>		

**Second Semester**

	<b>Credit Hours</b>	<b>Prerequisites &amp; Co-requisites</b>	<b>Done</b>
*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	ENG 032 or equivalent – Minimum grade of C	<input type="checkbox"/>
*IST 220 Data Communications	3		<input type="checkbox"/>
*IST 226 Internet Programming	3		<input type="checkbox"/>
*IST 252 LAN System Manager	3	Co-requisite: IST 201 or IST 220	<input type="checkbox"/>
<b>TOTAL</b>	<b>18</b>		

**Third Semester**

	<b>Credit Hours</b>	<b>Prerequisites &amp; Co-requisites</b>	<b>Done</b>
*CPT 230 C# Programming I	3	IST 188 and CPT 168 – Minimum grades of C, MAT 102	<input type="checkbox"/>
*CPT 242 Database	3	CPT 168 – Minimum grade of C	<input type="checkbox"/>
*IST 253 LAN Service and Support	3	IST 251 or IST 252 – Minimum grade of C	<input type="checkbox"/>
*IST 254 Centralized Network Management	3	IST 251 or IST 252 – Minimum grade of C	<input type="checkbox"/>
ECO 210 Macroeconomics OR		ENG 032 or equivalent	<input type="checkbox"/>
ECO 211 Microeconomics OR		ENG 032 or equivalent	<input type="checkbox"/>
PSC 201 American Government OR		ENG 032 or equivalent	<input type="checkbox"/>
PSY 201 General Psychology	3	ENG 032 or equivalent	<input type="checkbox"/>
MAT 165 Statistics	3	MAT 101 or equivalent – Minimum grade of C	<input type="checkbox"/>
<b>TOTAL</b>	<b>18</b>		

\* Courses in this program that require a minimum grade of “C.”

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**Fourth Semester**

	<b>Credit Hours</b>	<b>Prerequisites &amp; Co-requisites</b>	<b>Done</b>
CPT 264 Systems and Design	3	CPT 212 or CPT 230 or CPT 236 – Minimum grade of C	<input type="checkbox"/>
IST 221 Advanced Data Communications	3	IST 251 or IST 252 – Minimum grade of C	<input type="checkbox"/>
*IST 260 Network Design	3	IST 251 or IST 252 – Minimum grade of C	<input type="checkbox"/>
*IST 273 Advanced Client/Server Systems	3	IST 251 or IST 252	<input type="checkbox"/>
SPC 205 Public Speaking	3	ENG 032 or equivalent	<input type="checkbox"/>
<b>TOTAL</b>	<b>15</b>		

\* Courses in this program that require a minimum grade of “C.”