

## FCC Curriculum Pathway

The Curriculum Pathway provides full-time students with a **suggested guide** for completing an Associate Degree in two years (four semesters). Students who choose to take less than 15 credits per semester or who require Developmental English and/or Math will need additional semesters to complete their degrees. Taking classes in the Summer and/or January terms allow students to catch up and stay on target. **It is recommended all students meet with an Advisor each semester to carefully select and sequence courses based on their specific interests and needs.** Using the Curriculum Pathway along with the PeopleSoft Degree Plan allows students to track their progress towards graduation.

**Major: Information Technology Option I: IT Specialist A.A.S.**

**Catalog Year: 2015**

Course Number	Course	Credit	Complete
<b>First Year – First Semester</b>			
EN 101	English Composition (Prerequisite: EN 50A and EN 52 or ESL 95 and ESL 99)	3	
CORE	Mathematics General Education Elective (Prerequisite: MA 82)	3	
CORE	Interdisciplinary & Emerging Issues General Education Elective CIS 106 Object Design & Programming (Prerequisite: EN50A and EN52 OR ESL95 and ESL99 and MA81)	3	
CIS 111M <b>AND</b>	111M PC Operating Systems (Pre or Co-requisite: CIS 101, 106, 116D, or 212)	3	
CIS 212	212 PC Repairs & Diagnostics (Pre or Co-requisite: CIS 101, 106, 116D, or 111M) <b>CIS 111M and 212 must be taken in the same semester with the same instructor.</b>	3	
Semester Total		<b>15</b>	
<b>First Year – Second Semester</b>			
CORE	Social & Behavioral Sciences General Education Elective (HS102 recommended)*	3	
CORE	Communications General Education Elective*	3	
CIS 179 <b>OR</b>	Cybersecurity Fundamentals (Pre or Co-requisite: CIS 106)	3	
CIS 218	Information Security & Assurance (Pre or Co-requisite: CIS 106)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Semester Total		<b>15</b>	
<b>Second Year – First Semester</b>			
CORE	Arts & Humanities General Education Elective* (PH208 recommended)	3	
	PE/Health Elective	1	
CIS 203	System Analysis & Design (Prerequisite: CIS 106)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Semester Total		<b>16</b>	
<b>Second Year – Second Semester</b>			
CORE	Biological & Physical Sciences General Education Elective (BI, CH, PC, PY)	3	
CIS 204 <b>OR</b>	Computer Information Science Project (Prerequisite: CIS 203)	3	
INTR 103	Internship	3	
BU 281	Global Awareness in the Work Environment*	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	3	
Elective	Program Elective (CMM111, CMM112, CMM114, EN115, ID225, or any CIS course)	2	
Semester Total		<b>14</b>	
<b>Total Credits:</b>		<b>60</b>	

**Students must complete their credit English and Mathematics within the first 24 credits.**

**\*All students must complete one cultural competence course – see course list.**