

## 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: Summer 2016-Spring 2017**

Course Number	Course	Credit	Complete
<b>First Year – First Semester</b>			
EN 101	English Composition	General Education CORE	3
	Mathematics	General Education CORE	3
CIS 106	Object Design & Programming <small>(Prerequisite: EN50A and EN52 OR ESL95 and ESL99 and MA81)</small>	General Education CORE	3
CIS 111M <b>AND</b>	111M PC Operating Systems <small>(Pre or Co-requisite: CIS 101, 106, 116D, or 212)</small>		3
CIS 212	212 PC Repairs & Diagnostics <small>(Pre or Co-requisite: CIS 101, 106, 116D, or 111M)</small> <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>			
	Social & Behavioral Sciences <small>(HS102 recommended)*</small>	General Education CORE	3
	Communications*	General Education CORE	3
CIS 179 <b>OR</b> CIS 218	Cybersecurity Fundamentals <small>(Pre or Co-requisite: CIS 106)</small> <b>OR</b> Information Security & Assurance <small>(Pre or Co-requisite: CIS 106)</small>		3
	Program Elective		3
	Program Elective		3
Semester Total			<b>15</b>
<b>Second Year – First Semester</b>			
CORE	Arts & Humanities* <small>(PH208 recommended)</small>	General Education CORE	3
	PE/Health Elective		1
CIS 203	System Analysis & Design <small>(Prerequisite: CIS 106)</small>		3
	Program Elective		3
	Program Elective		3
	Program Elective		3
Semester Total			<b>16</b>
<b>Second Year – Second Semester</b>			
	Biological & Physical Sciences	General Education CORE	3
CIS 204 <b>OR</b> INTR 103	Computer Information Science Project <small>(Prerequisite: CIS 203)</small> <b>OR</b> Internship		3
BU 281	Global Awareness in the Work Environment*		3
	Program Elective		3
	Program Elective		2
Semester Total			<b>14</b>
<b>Total Credits:</b>			<b>60</b>

**Program Elective:** CMM 111, CMM 112, CMM 114, EN 115, ID 225, MDA 109, MDA 112, MDA 220, or any CIS course

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

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

Developmental courses must be completed prior to enrolling into college-level courses in the major.

See an advisor for further information, if needed.

\_\_\_\_\_ Reading I: EN51 or ESL70

\_\_\_\_\_ Reading II: EN52 or ESL72

\_\_\_\_\_ Writing I: EN50 or ESL71

\_\_\_\_\_ Writing II: EN50A or EN61 or ESL73

\_\_\_\_\_ Math: MA80, MA81, MA81B, MA82 or MA85