

Typical Course Outline by Grade Level

Freshman Schedule	
Fall	Spring
AOIT Class: Web Design/ Professional Ethics	AOIT Class: Excel Honors
English I	World History
Earth/ Environmental Science	Health/PE
Foundations of Math 1 or Elective	Intro Math or Math 1 or Math 2

Sophomore Schedule	
Fall	Spring
AOIT Class: Adobe Visual Design	AOIT Class: CompTIA IT Fundamentals
English II	American History I
Biology or Physical Science	Math 1 or Elective
Foundations of Math 1 or Math 2 or Math 3	Elective

Junior Schedule	
Fall	Spring
AOIT Class: FTCC: Harware/ Software or Python I Programming	AOIT Class: FTCC: Advanced Harware/Software or Python II Programming
Physical Science or Chemistry	Engilsh III
Math 2 or Math 3 or 4th Level Math	American History II
Foregin Language Level I <i>(Required for admittance to a NC 4-year College/University)</i>	Foregin Language Level II <i>(Required for admittance to a NC 4-year College/University)</i>

Senior Schedule	
Fall	Spring
English IV	American History: Founding Principles, Civics, Economics
Math 3 or 4th Level Math	Elective
AOIT Class: Taken at FTCC <i>(2 classes each semester)</i>	AOIT Class: Taken at FTCC <i>(2 classes each semester)</i>

Sample Occupations Relating to this Pathway

- Applications Analyst
- Applications Engineer
- Business Analyst
- Computer Engineer
- Data Modeler
- Game Developer
- Operating System Designer/Engineer
- Program Manager
- Programmer
- Programmer Analyst
- Project Lead
- Software Applications Specialist
- Software Applications Tester
- Software Design Engineer
- Systems Administrator
- Test Engineer