








# GUIDED PATHWAYS TO SUCCESS:

## (179) CIT: SOFTWARE ENGINEERING, AAS

### 2017-2018 Catalog

FIRST SEMESTER (16 hours)			Milestone?
ORNT 90	FYS: First Year Seminar	1	
CIT 117	Microsoft Applications	3	
CIT 105	Operating Systems	3	
CIT 187	HTML/CSS	2	
CIT 232	Intro to Programming Logic	3	
ENG 101	College Composition I	3	
SECOND SEMESTER (15 hours)			
CIT 112	Access	3	
CIT 176	Visual Basic Programming	3	
CIT 205	Web Development Tools	3	
CIT 272	Object Oriented Programming/ Data Structures	3	
SPCH 101 or SPCH 105	Interpersonal Communication OR Fundamentals of Speech Communication	3	
THIRD SEMESTER (16 hours)			
MGT 250, MGT 253 or RESTRICTED CIT ELECTIVE	Business Law I, Principles of Management or any CIT course	3	
CIT 215	Client Side Scripting/JavaScript	3	
CIT 237	Advanced Database Programming	3	
CIT 250	IT Analysis and Design	3	
CIT 253	ASP and E-Business Programming	3	
FOURTH SEMESTER (15 hours)			
CIT 107	Excel	3	
CIT 227	Mobile Applications Development	3	
CIT 291	CIT Practicum	3	
MATH CORE	MATH 100, MATH 108, MATH 110, MATH 113, MATH 210 or MATH 279	3	
PSYC 155	Human Relations	3	

**KEY:**  Milestone  Certification Option

\*Students must maintain a 2.0 cumulative GPA to meet WVNCC graduation requirements



Your **ACADEMIC MAP** includes all of the courses required in your degree program, organized in a semester-by-semester sequence that allows you to graduate on time without losing credits, missing classes or falling out of your cohort.

### Job Title

- Computer Consultant, Information Technology Analyst, Software Architect, Software Developer, Software Engineer, Technical Consultant

### Wage and Employment Trends

- \$98,260 Annual (2015)
- 718,000 Employees (2014)
- Much Faster than Average Projected Job Growth (14% or higher between 2014-2024)
- 238,000 Projected Job Openings between 2014-2024

We understand that managing multiple responsibilities while attending college can make life complex for many students. So, we pledge to do our part, through individualized advising and support, to help you make collegiate choices that will lead straight to the finish line.