

# Gateway **S.M.A.R.T.** Plan

## Associate of Applied Science: Computer Information Technologies - Programming Track

### Pre-requisite Courses

None			
Courses	Cr	Grade	Offered
CIT 105 Introduction to Computers	3		All
<i>MAT 150 College Algebra (or MAT 126 or higher level quantitative reasoning course)</i>	3		All
Courses	Cr	Grade	Offered
CIT 111 Computer Hardware and Software	4		Fall/Spring
CIT 120 Computational Thinking	3		Fall/Spring
CIT 160 Intro to Networking Concepts	4		Fall/Spring
<i>ENG 101 Writing I</i>	3		All
<i>Social/Behavioral Science General Education Course</i>	3		All
Courses	Cr	Grade	Offered
CIT 149 Java I	3		Fall/Spring
CIT 217 UNIX/Linux Administration	3		Fall/Spring
CIT 180 Security Fundamentals	3		Fall/Spring
CIT 170 Database Design Fundamentals	3		Fall/Spring
Courses	Cr	Grade	Offered
CIT 155 Web Page Development	3		Fall
CIT 171 SQL I	3		Fall
CIT 249 Java II	3		Fall
<i>Natural Science General Education Course</i>	3		All
Courses	Cr	Grade	Offered
CIT 144 Python I	3		Fall/Spring
CIT 238 Android Programming I (or any level II Programming Language course)	3		Spring
CIT 253 Data Driven Web Pages	3		Spring
CIT 293 Employability Studies	1		Spring
<i>Heritage <u>or</u> Humanities General Education Course</i>	3		All

### Note

Progression in the Computer Information Technologies program is contingent upon achievement of a grade C or greater in each course and maintenance of a 2.0 cumulative GPA or above (on a 4.0 scale).

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