SYSTEMS ADMINISTRATION & NETWORKING CERTIFICATE 30119

Course	Requirement Field	Credits	Notes
Fall - 1st Semester			
CIS 170 Working in Technology **OR** CMP 100 Working In Technology	Core Curriculum	3	Fall Only
CMP 101 Introduction to Computers **OR** CMP 103 Introduction to Computer Based Systems	Core Curriculum	3	Fall & Spring
CIS 180 IT Fundamentals **OR** CMP 118 IT Fundamentals **OR** CMP 107 Basic Principles of IT **AND** CMP 109 Intermediate Principles of IT	Core Curriculum	2-3	Fall-Face to Face & Online Fall-Face to Face Spring-Face to Face
CIS 235 Ethical Hacker I **OR** CMP 284 Ethical Hacker I	Core Curriculum	3	Fall Only
NOTE: Any developmental courses (such as ENG 100 and MAT 120) must be taken in addition to the above during this semester as prerequisites for later courses.			
Total Hours		**11-12**	

Course	Requirement Field	Credits	Notes
Spring - 2nd Semester			
CMP 109 Intermediate Principles of IT	Core Curriculum	0-2	Spring Only, Only needed if CMP 107 taken in the Fall
CMP 113 Operating Systems I	Core Curriculum	3	Spring Only
CMP 155 Google IT Professional I	Core Curriculum	3	Spring -Online
CMP 156 Google IT Professional II	Core Curriculum	3	Spring-Online
CIS 195 Networking Systems I **OR** CMP 250 Networking Systems I	Core Curriculum	3	Spring
CMP 255 Server Systems I	Core Curriculum	3	Spring
Total Hours		**15-17**	

Total Certificate Credit Hours Required	27-28
Total Core Curriculum Requirements	27-28

Notes: The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.

This degree dictates specific courses that must be taken as part to meet the General Education requirements. Consult your catalog. ***All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.***