



CATALOG YEAR: 2021-2022 SYSTEM ADMINISTRATION (CLOUD COMPUTING CONCENTRATION)

FIRST SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Problem Solving and Programming Techniques	CSCI	1100	3
IT Hardware Support	CSCI	1210	3
IT Software Support	CSCI	1300	3
College Algebra	MATH	1100	3
English Composition I	ENGL	1010	3
SEMESTER CREDIT HOURS			15

SECOND SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Network Essentials	CSCI	1400	3
Introduction to Scripting	CSCI	1510	3
Introduction to Virtualization	CSCI	1600	3
Microsoft Windows Servers	CSCI	1700	3
Choose 3 hours from various social/behavioral science courses	PSYC, SOCL, ECON, ANTH, GEOG, CRJU, POLI	****	3
SEMESTER CREDIT HOURS			15

THIRD SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Relational Database Coding	CSCI	2100	3
Introduction to Cloud Computing	CSCI	2200	3
Linux Server	CSCI	2300	3
Network Security Design	CSCI	2400	3
Choose 3 hours from various natural science courses	BIOL, CHEM, PHSC, PHYS	****	3
SEMESTER CREDIT HOURS			15

FOURTH SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
CSCI Internship or Capstone	CSCI	2999 or 2998	3
Advanced Topics in Linux	CSCI	2600	3
3 credit hours from any 2000 level CSCI Course	CSCI	****	3
Techniques of Speech	SPCH	1200	3
Choose 3 hours from various humanities courses	ENGL, HIST, SPAN, PHIL, RELS, WGNS, SPCH	****	3
SEMESTER CREDIT HOURS			15

AAS- System Administration (Concentration in Cloud Computing) = 60 credit hours

**SYSTEM ADMINISTRATION
PRE-REQUISITES & CO-REQUISITES**

COURSE NAME	PRE-REQUISITE
Microsoft Windows Servers	IT Software Support
Relational Database Coding	Problem Solving and Programming Techniques
Linux Server	Network Essentials <u>OR</u> IT Hardware Support
Network Security Design	Network Essentials
CSCI Internship	Students must have completed with a "C" or better at least 30 credit hours within the program
CSCI Capstone	Students must have completed with a "C" or better at least 30 credit hours within the program
Advanced Topics in Linux	Linux Server