



CATALOG YEAR: 2022-2023 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 of 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 of 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 of humanities courses | ENGL, HIST, SPAN, PHIL, RELS, WGNS, SPCH | **** | 3 |
| SEMESTER CREDIT HOURS | | | 15 |

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