

Degree & Certificate Requirements

Network Administrator Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2022-2023 Degree Requirements

Major Courses

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|-----------------|---|-----------|----------------|-------------------------|
| CS 101 | Intro to Computers & Information Technology | 5 | | |
| CS 102 | Programming Fundamentals [M/S] | 5 | | |
| or | | | | |
| CS& 131 | Computer Science I C++ [M/S] | 5 | | |
| CS 106 | Database Systems | 5 | | |
| CS 117 | Computer Ethics | 2 | | |
| CS 118 | Customer Service | 3 | | |
| CS 150 | Computer Security | 5 | | |
| CS 228 | Windows Server | 5 | | |
| Subtotal | | 30 | | |

Major Support

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|---|----------------------------------|-----------|----------------|-------------------------|
| CS 223 | UNIX/Linux | 5 | | |
| CS 230 | Active Directory | 5 | | |
| CS 231 | Network Infrastructure | 5 | | |
| CS 232 | Network Security | 5 | | |
| CS 250 | HTML5-JavaScript/JQuery | 5 | | |
| Select 15 additional credits from the following: | | | | |
| CS 123 | PC Hardware | 5 | | |
| CS 127 | Windows Configuration | 5 | | |
| CS 140 | SharePoint | 5 | | |
| CS 162 | C++2 [M/S] | 5 | | |
| or | | | | |
| CS 202 | Programming Fundamentals 2 [M/S] | 5 | | |
| CS 221 | SQL Server Administration | 5 | | |
| CSIA 200 | Computer Forensics Fundamentals | 5 | | |
| Subtotal | | 40 | | |

Degree & Certificate Requirements

General Education

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|---|------------------------------------|---------|----------------|-------------------------|
| ENGL&101 | English Composition I [C] | 5 | | |
| Mathematics - select 5 credits from the following: | | | | |
| MATH&141 | Precalculus I [M/S] [Q/SR] | 5 | | |
| MATH&142 | Precalculus II [M/S] [Q/SR] | 5 | | |
| MATH&144 | Precalculus I & II [M/S] [Q/SR] | 5 | | |
| MATH&146 | Introduction to Stats [M/S] [Q/SR] | 5 | | |
| MATH&148 | Business Calculus [M/S] [Q/SR] | 5 | | |
| MATH&151 | Calculus I [M/S] [Q/SR] | 5 | | |
| MATH&152 | Calculus II [M/S] [Q/SR] | 5 | | |
| MATH&153 | Calculus III [M/S] [Q/SR] | 5 | | |
| Psychology or Sociology - select 5 credits from the following: | | | | |
| PSYC&100 | General Psychology [S/B] | 5 | | |
| Any PSYC course higher than 100 | | 5 | | |
| SOC& 101 | Intro to Sociology [S/B] | 5 | | |
| SOC& 201 | Social Problems [S/B] | 5 | | |
| Communication Studies - select 5-6 credits from the following: | | | | |
| CMST 104 | Speech Essentials [C] | 3 | | |
| CMST 110 | Communication Behavior [C] | 3 | | |
| CMST&210 | Interpersonal Communication [C] | 5 | | |
| CMST&220 | Public Speaking [C] | 5 | | |
| CMST 260 | Multicultural Communication [C] | 5 | | |

Subtotal **20-21**
Total Credits Required **90-91**

Note:

MATH 094 or MATH 095 or MATH 098 or MATH 050 or MATH 070 or MATH 072 with a minimum grade of 2.0 is a prerequisite for all programming classes. Students must receive a minimum grade of 2.5 in all Computer Science courses.