

**Information Assurance and Cybersecurity
Associate of Applied Science (AAS)**

| 1st Semester (16 Weeks) | | |
|------------------------------------|---------------------------------------|----------------|
| Course | Course Title | Credits |
| BOT 151 | Leadership I | 1 |
| CNT 114 | Computer Essentials | 4 |
| CNT 121 | Wireless LAN Administration | 3 |
| CNT 140 | Linux 1 | 3 |
| CNT 160 | Cisco I: Internetworking Technologies | 4 |
| TOTAL | | 15 |

| 2nd Semester/Session (16 Weeks) | | |
|--|---|----------------|
| Course | Course Title | Credits |
| BOT 150 | Employment Strategies OR | |
| BOT 152 | Leadership II | 1 |
| CNT 123 | Fundamentals in Network Security | 3 |
| CNT 141 | Linux 2 | 3 |
| CNT 150 | Desktop/Client Computer Operating Systems | 4 |
| CNT 170 | Cisco 2: Router Setup and Operation | 4 |
| COM 101 | Fundamentals of Speech | 3 |
| TOTAL | | 18 |

*** must apply to Cybersecurity portion of program before taking the next set of classes**

| 3rd Semester (16 Weeks) | | |
|------------------------------------|------------------------------------|----------------|
| Course | Course Title | Credits |
| CNT 224 | Server 1 (8 weeks) | 4 |
| CNT 290 | Practical Programming (8 weeks) | 3 |
| CNT 291 | Digital Forensics | 3 |
| ENG 101 | English Composition | 3 |
| GEM | Mathematical Ways of Knowing* | 3 |
| | *Recommend MAT 143 College Algebra | |
| TOTAL | | 16 |

| 4th Semester (16 Weeks) | | |
|------------------------------------|---|----------------|
| Course | Course Title | Credits |
| BOT 216 | Supervised Work Experience | 3 |
| CNT 292 | Intrusion Detection | 3 |
| CNT 293 | Emerging Trends in Cybersecurity | 4 |
| GEM | Humanistic and Artistic Ways of Knowing** | 3 |
| | ** Recommend Ethics | |
| PSY 101 | Introduction to Psychology OR | 3 |
| SOC 101 | Introduction to Sociology | |
| TOTAL | | 16 |