

# 2024-2025 TTC Catalog

## Cybersecurity Certificate

### Certificate in Applied Science

#### 30 Credit Hours

This certificate program is designed for individuals who have experience or training in systems and network operations. It is designed to provide expertise in information assurance and cybersecurity to prepare you for employment in the fast growing field of cybersecurity. It is ideal if you are employed or are pursuing employment in a business that includes a cybersecurity workforce as part of the organization. This program presents the knowledge and skills needed to develop and implement security of systems and infrastructure in business and industry. This program will help you prepare for COMPTIA Linux+, Security +, EC-Council Certified Ethical Hacking, as well as a number of other certification exams.

CPT 282 Information Systems Security 3

CYB 269 Digital Forensics 3

CYB 285 Cybersecurity Capstone 3

IST 165 Implementing and Administering Windows Directory Services 3

IST 166 Network Fundamentals 3

IST 190 Linux Essentials 3

IST 191 Linux System Administration 3

IST 291 Fundamentals of Network Security I 3

IST 293 IT and Data Assurance I 3

IST 294 IT and Data Assurance II 3

Total: 30

### Admission Requirements

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.