# CYBERSECURITY A.A.S. (G): 356A

**Total Credits: 60**
**Catalog Editions 15-16 through 16-17**

**Name:** _____ **Date:** _____ **ID #:** _____

| GENERAL EDUCATION: FOUNDATION COURSES | Course | Hours | Grade |
|---|---|---|---|
| **English Foundation** (EN 102/ENGL 102 or EN 109/ENGL 103) | | 3 | |
| **Math Foundation** (MA 110/MATH 110 or higher) | | | |
| **Speech Foundation** (SP 108/COMM 108 or SP 112/COMM 112) | | 3 | |
| **Health Foundation** HLHF (Choose HLTH 100 - HLTH 230) | | | |

| GENERAL EDUCATION: DISTRIBUTION COURSES | Course | Hours | Grade |
|---|---|---|---|
| **Arts or Humanities Distribution** (ARTD or HUMD) | | | |
| **Behavioral & Social Sciences Distribution** (BSSD) | | 3 | |
| **Natural Sciences Distribution with Lab** (NSLD) | | 4 | |

| PROGRAM REQUIREMENTS | Course | Hours | Grade |
|---|---|---|---|
| **EN 101/ENGL 101**<br>(if needed for ENGL102/103 or NW/**NWIT or** CS/**CMSC ELECTIVE** if not) | | | |
| | CS 110/**CMSC 110** | 3 | |
| | CS 253/**CMSC 253** | 4 | |
| | NW 127/**NWIT 127** | 3 | |
| | NW 151/**NWIT 151** | 3 | |
| | NW 173/**NWIT 173** | 3 | |
| | NW 203/**NWIT 203** | 3 | |
| | NW 245/**NWIT 245** | 3 | |
| | NW 246/**NWIT 246** | 3 | |
| | NW 252/**NWIT 252** | 3 | |
| | NW 263/**NWIT 263** | 3 | |
| | NW 270/**NWIT 290** | 3 | |
| | PL 202/**PHIL 140** | 3 | |

**Overall GPA of 2.0 is required to graduate**

**Total Credits:** _____

This AAS degree prepares students for entry-level positions in cybersecurity. The program emphasizes computer security and information assurance concepts augmented with current industry standard techniques. Topics cover threats and vulnerabilities, prevention at the technical (hardware and software) and human levels, detection, response, and management aspects of security.

The program prepares entry-level computer technicians with cybersecurity expertise and also offers students a transfer option to four-year institutions. The proposed program of study is designed to address the needs for increasing the number of trained workers qualified to work in cybersecurity in the homeland security industry. The program is expected to meet National Security Telecommunications and Systems Security Instruction (NSTISSI) 4011 and 4013 standards. It will also help prepare students to sit for a variety of industry certifications, including the Computing Technology Industry Association's (CompTIA) A+, Network+ and Security+ certifications; Cisco Certified Network Associate (CCNA) certification; and the Security Certified Network Professional certification.

*Last Modified: June 2016*

*Advising Worksheet Contact:*
*Anthony Solano*

*See an advisor to submit an Application for Graduation the semester BEFORE you intend to graduate.*

**This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.**

*This degree is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit transfer planning for more information.*