CYBERSECURITY AAS (G): 356A

Total Credits: 60
Catalog Edition 22-23

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

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (**ENGL 102** or **ENGL 103**, *grade of C or better required to graduate*)		3	
Math Foundation (MATH 110, 115, 117, 120, 130, 150, 165, 170, or 181) **CONSULT COUNSELING FACULTY / PROGRAM ADVISOR ABOUT CHOICE**			

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	
General Education Elective (GEEL)	PHIL 140	3	

PROGRAM REQUIREMENTS	Course	Hours	Grade
ENGL 101 or ENGL 101A (if needed for ENGL102/103 or **NWIT or CMSC ELECTIVE**)			
	CMSC 135	3	
	CMSC 253	4	
	NWIT 105	3	
	NWIT 127	3	
	NWIT 151	3	
	NWIT 173	3	
	NWIT 230	3	
	NWIT 245	3	
	NWIT 246	3	
	NWIT 247	3	
	NWIT 263	3	
	NWIT 275	3	
	NWIT 291	1	

Overall GPA of 2.0 is required to graduate

* ENGL 101/ENGL 101A, if needed for **ENGL 102 /ENGL 103**,
or **NWIT** or **CMCS** elective.

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.

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.