



2016-2017 PETITION/PROGRAM SHEET
Award: Professional Certificate
Program of Study: Cyber Security

About This Certificate . . .

The certificate in Cyber Security is designed to provide students with the knowledge and skills needed to engage in activities pertaining to protecting computer systems, networks, applications, and data. The program also prepares students for successfully completing internationally recognized certifications such as Certified Information Systems Security Professional (CISSP), CEH (Certified Ethical Hacker), etc.

All CMU professional certificate recipients are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning.

Upon completion of this program, students will be able to:

1. Identify strengths and weaknesses of competing cyber defense tools and defend a choice for a given situation. (Critical Thinking)
2. Write simple scripts in scripting languages (e.g., to automate system administration tasks). (Applied Learning)
3. Evaluate the security of computer systems, networks, and applications. (Applied Learning)
4. Demonstrate clear effective communication on the importance of cyber security. (Communication Fluency)
5. Demonstrate independent learning and use of new technologies in cyber security. (Specialized Knowledge)

NAME: _____ **STUDENT ID #** _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I have read and understand the policies listed on the last page of this program sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor Date _____ 20____

Signature of the Department Head Date _____ 20____

Signature of Registrar Date _____ 20____

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration. Consult with a Computer Science faculty advisor regarding prerequisite classes that might be necessary to take.

DEGREE REQUIREMENTS:

- 2.00 cumulative GPA or higher in all CMU coursework and a “C” or better must be achieved in achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head. Courses related to teacher licensure must also be approved by the Teacher Education Dept.
- When filling out the program sheet a course can be used only once.
- See the “Requirements for Undergraduate Degrees and Certificates” in the catalog for additional graduation information.

CERTIFICATE: Cyber Security

9 semester hours

Course No	Title	Sem.hrs	Grade	Term
*CSCI 370	Computer Security	3	_____	_____
CSCI 420	Cyber Security	3	_____	_____
CSCI 465	Net/App Security	3	_____	_____

*Consult with a Computer Science faculty advisor regarding prerequisite classes that might be necessary to take.

SUGGESTED COURSE SEQUENCING FOR A CERTIFICATE IN CYBER SECURITY

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student’s responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
CSCI 370 Computer Security	3	CSCI 420 Cyber Security	3

SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
CSCI 465 Network and Application Security	3		

POLICIES:

1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.** You must turn in your “Intent to Graduate” form to the Registrar’s Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar’s Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your “Intent to Graduate” does not automatically move to a later graduation date.