



# CYBERSECURITY A.S. DEGREE

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APPLY TO SPC

REQUEST INFO

## TECHNOLOGY

- Computer Information Technology
- Computer Programming and Analysis
- Cybersecurity
- CCIT Center for Cybersecurity
- Cybersecurity B.A.S. Degree
- Cybersecurity A.S. Degree**
- Cybersecurity A.A. Transfer Plan
- Cybersecurity Certificate
- Cybersecurity Micro-credential Program
- Data Sciences
- Networking Technologies
- Technology Development and Management
- Web Development
- Technology Short-Term Training

## PREPARE FOR A CAREER IN CYBERSECURITY

Graduates of our two-year Cybersecurity A.S. Degree meet the growing need for college-educated specialists who can tackle increasingly complex information technology security concerns. Demand will remain high for information security analysts who can stay a step ahead of hackers.



## SPC DESIGNATED A NATIONAL CENTER OF ACADEMIC EXCELLENCE IN CYBER DEFENSE

The National Security Agency and the Department of Homeland Security have designated SPC as a *National Center of Academic Excellence in Cyber Defense Two-Year Education (CAE2Y)* through academic year 2024.



CAREER INFO | SKILLS | COURSES | DEGREE OPTIONS

## CYBERSECURITY ASSOCIATE IN SCIENCE

ITSC-AS

Effective Beginning Catalog Term: Fall 2022 (610)

VIEW PROGRAM REQUIREMENTS

The requirements shown below are valid beginning Fall 2022 (610), and may not reflect degree requirements for current students. Current students should visit [My SPC](#) and view *My Learning Plan* to see specific degree requirements for their effective term.

### PROGRAM SUMMARY

This program is offered as a Fully Online program.

This program is designed to prepare the student to develop an organizational network and security program using risk management strategies, and to develop a strategy to address the increased growth of informational technology security concerns from regional to international environments. Students also learn how to evaluate security techniques that assist in the prevention of hackers and cyber-attacks. Students are given the opportunity to sit for the CompTIA A+, CompTIA Security+, EC-Council Certified Ethical Hacker, Cisco CCNA CyberOps and Cisco CCENT industry certifications.

## GRADUATION REQUIREMENTS

Minimum grade of "C" required in all Support and Major courses.

### AS GENERAL EDUCATION REQUIREMENTS

#### COMMUNICATIONS - COMPOSITION - CORE

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### SOCIAL AND BEHAVIORAL SCIENCES- CORE

Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the course component of the Civic Literacy Requirement. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### HUMANITIES AND FINE ARTS-CORE

Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### MATHEMATICS-CORE

Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### NATURAL SCIENCES - CORE

Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### ETHICS

Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required. 3

### AS GENERAL EDUCATION REQUIREMENTS

#### COMPUTER/INFORMATION LITERACY COMPETENCY

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

### AS GENERAL EDUCATION REQUIREMENTS

#### ENHANCED WORLD VIEW

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

### AS GENERAL EDUCATION REQUIREMENTS

#### CIVIC LITERACY

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) AND satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

<a href="#">POS 2041</a>	American National Government	3
<a href="#">POS 2041H</a>	Honors American National Government	3
<a href="#">AMH 2020</a>	History of the United States II	3
<a href="#">AMH 2020H</a>	Honors History of the US II	3

## SUPPORT COURSES

COMPLETE 21 CREDITS

<a href="#">CET 1171C</a>	Computer Repair Essentials	3
<a href="#">CET 1172C</a>	Computer Support Technician	3
<a href="#">CET 1600</a>	Introduction to Networks	3
<a href="#">CET 1610</a>	Switching, Routing, and Wireless Essentials	3
<a href="#">CJE 1686</a>	Forensic Computer Related Crime Investigations	3
<a href="#">CGS 1309</a>	Computer and Information Technology Concepts	3
<a href="#">CTS 2106</a>	Fundamentals of the Linux/Unix Operating Environment	3

## MAJOR CORE COURSES

COMPLETE 18 CREDITS

<a href="#">CET 2691</a>	Laws & Legal Aspects of IT Security	3
<a href="#">CGS 2811</a>	Incident Response & Disaster Recovery	3
<a href="#">CIS 1358</a>	Operating System Security	3
<a href="#">CTS 1120</a>	Network Security Foundations	3
<a href="#">CTS 1314</a>	Network Defense and Countermeasures	3
<a href="#">CIS 2352</a>	Ethical Hacking	3

## MAJOR CORE COURSES

INTERNSHIP

<a href="#">CTS 2940</a>	Cybersecurity Internship	3
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\* Note: Course is pending approval for change to CTS 2314.

**TOTAL CREDITS:** 60

## ACADEMIC PATHWAYS

The Academic Pathway is a tool for students that lists the following items:

- the recommended order in which to take the program courses
- suggested course when more than one option exists
- which semester each course is typically offered
- if the course has a prerequisite
- courses that may lead to a certificate (if offered in the program)

If you are starting the program this term,

[VIEW THE RECOMMENDED ACADEMIC PATHWAY](#)

If you have already started the program,

[VIEW THE ARCHIVED ACADEMIC PATHWAYS](#)

Please verify the Academic Pathway lists your correct starting semester.

## PROGRAM LEADERSHIP INFORMATION

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### FLORIDA CIP CODE

1511100307: Information Technology ()

### FEDERAL CIP CODE

11.1003: Computer and Information Systems  
Security/Information Assurance.