CCBC | COMMUNITY COLLEGE OF BEAVER COUNTY
CCBC.EDU

Real Learning for Real Life

Cybersecurity

Associate Degree in Applied Science

Degree Plan for Full Time Students

Scan to get started!

TO LEARN MORE CONTACT
STEM@ccbc.edu
724-480-3504

Program Info:

Do you want to be an ethical hacker? Are you interested in preventing, detecting, and recovering from security threats?

WHAT WILL I LEARN?

As a cybersecurity major, you will learn how to safeguard data against malicious activity, accident, or natural disaster. Topics include forensics and investigation, cloud security, and ethical hacking.

CAREERS IN CYBERSECURITY

Careers in cybersecurity include computer security coordinator, network security engineer, network defense analyst, IT network administrator, and network threat analyst.

RELATED CREDENTIALS

- Cloud Security (micro-credential)
- Cybersecurity Threats and Defenses (micro-credential)
- Homeland Security (micro-credential)
- Computer Science (degree)
- Linux Administration (micro-credential)

FIRST YEAR

First Semester – 15 credits

Course	Credits
CIST 100 - Introduction to Information Technology	3
CISF 150 - Cloud Computing	3
CISN 101 - Networking 1	3
CISN 203 - Linux Operating Systems	3
WRIT 101 - English Composition	3

Second Semester – 15 credits

Course	Credits
CISN 111 - Networking II	3
CISW 200 - Programming with Python	3
CISF 180 - Cloud Security	3
CISN 206 - Linux Administration	3
TAOC Six (LITR)	3

SECOND YEAR

Third Semester – 15/16 credits

Course	Credits
CISF 210 - Cybersecurity I	3
CISF 260 - Ethical Hacking	3
CISN 201 - Client & Server Operating Systems	3
COMM 110 - Interpersonal Communication **OR** COMM 201 - Public Speaking	3
TAOC Three (MATH)	3/4

Fourth Semester – 15 credits

Course	Credits
CISF 205 - Penetration Testing	3
CISF 120 - Computer Forensics and Investigation	3
CISF 220 - Cybersecurity II	3
CISF 240 - Cybersecurity: Law & Ethics	3
TAOC Five (HIST, POLS, PSYC, BUSM255, BUSM256)	3

For more information about Transfer and Articulation Oversight Committee (TAOC) courses, visit www.patrac.org

Program Curriculum
Credits Required 60/61