



COMMUNITY COLLEGE
OF BEAVER COUNTY
CCBC.EDU

**Real Learning
for Real Life**

Computer Science

Associate Degree in 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 level up? Are you interested in gaming, artificial intelligence, and coding?

WHAT WILL I LEARN?

As a computer science major, you will learn how to develop, debug, and deploy software, database, and web applications.

CAREERS IN COMPUTER SCIENCE

Careers in computer science include software developer, web developer, database programmer, IT project manager, systems analyst, and game developer.

RELATED CREDENTIALS

- Cybersecurity (degree)
- Cloud Security (micro-credential)
- Cybersecurity Threats and Defenses (micro-credential)
- Engineering (degree)

FIRST YEAR

First Semester – 16 credits

Course	Credits
CIST 100 - Introduction to Information Technology	3
CISW 200 - Programming with Python	3
ENGR 130 - Robotics	3
CISW 205 - C# Programming	3
TAOC Five (HIST, POLS, PSYC, BUSM255, BUSM256)	3

Second Semester – 16/17 credits

Course	Credits
CISW 214 - Database Principles and Applications	3
WRIT 101 - English Composition	3
Elective (CISN203, BUSM108, CISF180, DATA110)	3
TAOC Three (MATH)	3/4
TAOC Four (BIOL, CHEM, PHYS)	4

SECOND YEAR

Third Semester – 15/16 credits

Course	Credits
CISF 150 - Cloud Computing	3
CISW 201 - Object Oriented Programming I	3
Elective (CISN203, BUSM108, CISF180, DATA110)	3
TAOC Three (MATH)	3/4
TAOC Six (LITR)	3

Fourth Semester – 15 credits

Course	Credits
BUSM 260 - Project Management	3
CISW 202 - Object Oriented Programming II	3
INTR 200 - Internship	3
COMM 110 - Interpersonal Communication OR COMM 201 - Public Speaking	3
Elective (CISN203, BUSM108, CISF180, DATA110)	3

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

Program Curriculum
Credits Required 61/63