BMCC Career Maps

Computer Science A.S.

Computer Science provides students with an understanding of the theory that underlies the existence, organization and applications of computers. This program equips students to continue their education in the computer science field or to enter the workforce.

Specialized Skills

Team Building
Leadership
Communication
Critical Thinking
Problem Solving

Specialized Skills may be obtained or enhanced during the course of the student's learning experience. Specialized Skills are defined and provided by NACADA: The Global Community for Academic Advising www.nacada.ksu.edu

Certifications and Professional Development

Intro to C++
Intro to JAVA
Intro to Python
Python Boot Camp
Amazon AWS Cloud Computing
Apple SWIFT Programming

These and other *Certifications and Professional Development* options offered by the Center for Continuing Education and Workforce Development. www.bmcc.cuny.edu/ce

Professional Organizations

Association for Women in Computing
Computing Research Association
Association of Information Technology Professionals

Helpful Career Links

BMCC Career Center
www.bmcc.cuny.edu/career

Internships and Experiential Learning
www.bmcc.cuny.edu/experiential

Computer Science
www.bmcc.cuny.edu/academics/departments/cis/computer-science

Articulation Agreements

John Jay College of Criminal Justice / CUNY
B.S. in Computer Science & Information Security

Mercy College
B.S. in Computer Science

Other Transfer Options

Pace University
Hunter College / CUNY
City College / CUNY
SUNY at Binghamton
Brooklyn College / CUNY
University at Albany
Lehman College / CUNY
St. John's University
Stony Brook/SUNY

Career and Salary Possibilities*

Software Engineer
($60,500–$112,000)

Chief Information Officer
($117,000–$305,000)

Computer Programmer
($58,700–$122,000)

Mobile Application Developer
($60,900–$108,000)

Systems Architect
($59,000–$128,000)

Full Stack Web Developer
($68,764–$110,000)

Information Systems Security Manager
($69,000–$136,000)

Network Security Administrator
($42,000–$95,000)

Computer Systems Analyst
($45,000–$98,000)

IT Auditor
($51,000–$99,000)

Ethical Hacker
($40,000–$205,000)

Video Game Developer
($28,300–$150,000)

** **Career and Salary Possibilities** are not guaranteed. Additional education, training or experience may be required and salary ranges may vary depending on location, industry and education level. Career and salary data provided by Career Coach.*