

Degree Offered

Associate in Science
Computer Science/Information Systems

Curriculum Code: 55I**Program Information**

This program prepares students to continue their education at a four-year college or university in fields such as computer science, computer information sciences and information systems management. The program parallels the computer science offerings at four-year colleges and universities.

When You Graduate

AS programs are designed for students who want to enter a career directly after graduating but those who change their plans find that most of their CCC credits transfer to four-year colleges.

Students are encouraged to visit the NJ transfer website: www.njtransfer.org for transfer course equivalencies.

CCC graduates have transferred to every university in New Jersey and scores of universities throughout America.

The latest technology and learning tools support your education for a wide range of employment opportunities.

Earn a BA, MA at CCC

Once you graduate from Cumberland County College, you can earn a bachelor's and even a master's degree at the on-campus Shirlee and Bernard Brown University Center. CCC's University Center houses bachelor's and master's degree programs offered by Fairleigh Dickinson University, Georgian Court University, Montclair State University, Rowan University and Wilmington University.

www.cccnj.edu

Computer Science/ Information Systems

Program Requirements (30–32 credits)	Credits
<input type="checkbox"/> AC 103 Accounting Principles I	4
<input type="checkbox"/> CS 111 Computer Science I	4
<input type="checkbox"/> CS 112 Computer Science II	4
<input type="checkbox"/> MA 111 Discrete Math	4
<input type="checkbox"/> Business Elective	3/4
<input type="checkbox"/> Computer Network Management Elective or Computer Science Programming Elective	3/4
<input type="checkbox"/> Computer Science Programming Elective	4
<input type="checkbox"/> Computer Science Programming Elective	4

General Education Requirements (32–33 credits)

<input type="checkbox"/> EN 101 English Composition I	3
<input type="checkbox"/> EN 102 English Composition II	3
<input type="checkbox"/> Math Elective (MA 110 or higher*)	4
<input type="checkbox"/> Math Elective (MA 110 or higher*)	3/4
<input type="checkbox"/> Math Elective (MA 110 or higher*) or Lab Science Elective	4
<input type="checkbox"/> Diversity Elective	3
<input type="checkbox"/> Humanities Elective	3
<input type="checkbox"/> Social Science Elective	3
<input type="checkbox"/> Social Science or Humanities Elective	3
<input type="checkbox"/> History Elective	3

Total Credits **62/65**

Excluding MA 115*Program Electives**

<input type="checkbox"/> CS 132 Web Page Development I	4
<input type="checkbox"/> CS 210 Database Management	4
<input type="checkbox"/> CS 212 C++ Programming	4
<input type="checkbox"/> CS 215 Visual Basic Programming	4
<input type="checkbox"/> CS 216 Java Programming	4

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

- Apply critical thinking skills to design application programs within the context of a business system.
- Apply computing skills to develop application-based solutions within the context of a business system.
- Locate, retrieve, and critically evaluate information and information sources.
- Demonstrate competency and comprehension in selected categories of the Computer Science body of knowledge to align with current academic and professional best practices.