

4. Choices of:

- African American History (including AFR 185 African American Culture),
- Economics,
- Finance,
- Geography,
- History,
- Interdisciplinary Global Studies,
- Political Science,
- Psychology,
- Sociology.

5. Choose from:

- CMP 294 Cooperative Education Internship,
- ITE 253 Network Management II,
- ITE 254 Web Programming II,
- ITE 264 Applications Development.

### Additional Information

Students are encouraged to join departmental clubs and become involved in extra-curricular activities and leadership positions. Please contact the MAT/CSC/ITE department for additional information at (516) 572-7383.

*Nassau Community College reserves the right to add or withdraw courses and to amend, revise, or modify the curricula.*

Rev. 10/19

**NASSAU**  
COMMUNITY  
COLLEGE One Education Drive  
Garden City, NY 11530

**NASSAU**  
**COMMUNITY**  
**COLLEGE**



**INFORMATION  
TECHNOLOGY**

A.A.S Degree/Certificate

MATHEMATICS, COMPUTER SCIENCE AND  
INFORMATION TECHNOLOGY DEPARTMENT  
Tel 516.572.7383  
admissions@ncc.edu



**NCC**  
NASSAU  
COMMUNITY  
COLLEGE

**Nassau Community College** offers the **Information Technology (A.A.S.)** degree which is designed for students who intend to seek immediate employment in Information Technology. In addition, this program maintains high transferability into four-year degree programs at neighboring institutions for the student who wishes to further their education.

### What is the Information Technology (A.A.S.) degree?

This degree program gives students a strong background in Information Technology through courses in web programming, data communications, database management, and server administration. Over the course of two years students will take Introduction to Information Technology (ITE 101), Programming Logic and Problem Solving (CSC 104), Operating Systems Management (ITE 153), Web Programming I (ITE 154), Data Communications and the Internet (ITE 213), Network Management I (ITE 223), Java Programming (ITE 204), and Database Management (ITE 252). Through a series of carefully chosen electives students can tailor their degree to focus on a concentration within the Information Technology Industry.

### Our Focus

Building upon a strong foundation in general Information Technology subjects, students can tailor the degree program to meet their individual needs and industry requirements for their particular area of interest within Information Technology. Topics included for study are Data Communications, Windows Server management, Linux Administration, object-oriented programming, web programming, relational database management systems and Application development. Languages used include Python, HTML, CSS, JavaScript, PHP and .NET languages. Students who wish to further their education can easily transfer to baccalaureate degree programs in Information Technology or related areas at many outstanding colleges and universities with which NCC has transfer agreements.

### Did You Know...

- According to the *Bureau of Labor Statistics*, Employment of computer and information technology occupations is projected to grow 12 percent from 2018 to 2028, much faster than the average for all occupations. These occupations are projected to add about 546,200 new jobs.
- According to the *Bureau of Labor Statistics*, the median annual wage for computer and information technology occupations was \$86,320 in May 2018, which was higher than the median annual wage for all occupations of \$38,640.

Why an Information Technology (A.A.S.) degree? If you are planning to start a career in Information Technology, Nassau Community College offers small class sizes, faculty with extensive industry experience, one-on-one advising, computer learning centers with knowledgeable staff and a caring, dedicated faculty who will help you acquire a solid foundation in Information Technology to jump start your career.

First Semester	Credits
BUS/ACC Elective <sup>(1)</sup>	3
CSC 104 Programming Logic and Problem Solving	3
ENG 100 Enhanced Composition I or ENG 101 Composition I or ENG 108 The Craft of Composition / Honors English I <sup>(2)</sup>	3
ITE 101 Introduction to Information Technology	3
Mathematics Elective (MAT 102 Introduction to Statistics or higher)	3-4
<b>Total Semester Credits</b>	<b>15-16</b>
<b>Second Semester</b>	
COM 101 Interpersonal Communications or ENG 102 Composition II or ENG 109 The Art of Analysis / Honors English II	3
Humanities Elective <sup>(3)</sup>	3
ITE 153 Operating System Management	4
ITE 154 Web Programming I	3
Mathematics Elective (MAT 102 Introductory Algebra or higher)	3-4
<b>Total Semester Credits</b>	<b>16-17</b>

Third Semester	Credits
HED Health Elective	2-3
ITE 213 Data Communications and the Internet	3
ITE 223 Network Management I	4
ITE 204 Java Programming	4
Social Science Elective <sup>(4)</sup>	3
<b>Total Semester Credits</b>	<b>16-17</b>
<b>Fourth Semester</b>	
ITE Elective <sup>(5)</sup>	6
ITE 252 Database Management	4
Laboratory Science	4
Social Science Elective <sup>(4)</sup>	3
<b>Total Semester Credits</b>	<b>17</b>
<b>Total Credits</b>	<b>64-67</b>

1. Business Electives:  
 - ABT 245 Administrative Management,  
 - ACC 101 Accounting I- BUS 100 Creative Problem Solving in Business,  
 - BUS 110 Introduction to Business,  
 - BUS 111 Entrepreneurship,  
 - BUS 112 Principles of Management,  
 - LAW 103 Business Law I.

2. Depending on placement.

3. Choice of:  
 - African American Studies (as listed in catalog),  
 - Art,  
 - Communications,  
 - English,  
 - Foreign Languages,  
 - Library,  
 - MDC 102 The Making of the Modern Mind II,  
 - Music,  
 - Philosophy,  
 - Reading,  
 - Theatre/Dance.