

Course Prerequisites

All course prerequisites require a grade of C or better.

Before You Take...	You Have To Take:
CMP 103	All required remediation
CSC 104	All required remediation
ITE 101	All required remediation
ITE 153	All required remediation
ITE 213	All required remediation
ITE 217	Take ITE 153 first or at the same time
ITE 223	Take ITE 153 first, <i>and</i> take ITE 213 first or at the same time.
ITE 227	Take ITE 153 <i>and</i> ITE 217 first, <i>and</i> take ITE 223 first or at the same time.
MAT 109	Placement by College Placement Test
MAT 111	MAT 109 <i>or</i> MAT 116 <i>or</i> Placement by College Placement Test
MAT 122	MAT 111 <i>or</i> MAT 117 <i>or</i> Placement by College Placement Test

Cybersecurity Certificate at Nassau Community College



**Not just job training.
Career training.**



What is Cyber and Information Security?

Merriam-Webster defines Cybersecurity as:

Measures taken to protect a computer or computer system (as on the Internet) against unauthorized access or attack.

The SANS Institute defines Information Security as:

Protecting information and information systems from unauthorized access, use, disclosure, disruption, modification, or destruction.

Our Focus

To give our students an introduction to the world of cybersecurity, information security, and information assurance.

To offer our students a virtual sandbox to learn and apply new skills.

To set our students on a path to continue their studies in computer security.

To expand our students' skill sets to include concepts in computer security.

Did you know?

Jobs for Information Security Analysts are expected to increase 18 percent from 2014-24 and 2016 median pay was \$92,600 per year, the **Bureau of Labor Statistics** reported in Dec 2015.

U.S. News and World Report's Best Technology Jobs of 2017 lists *Information Security Analyst* as #7.

New York is considered one of the top cities for security related jobs.

Currently over 1000 security jobs are listed on monster.com.

Certificate in Cybersecurity

First Semester	Credits
ITE 153 Operating Systems Management	4
ITE 213 Data Communications and the Internet	3
ITE 217 Information Security	3
Computer Elective See explanation below	3-4
Total	13-14
Second Semester	Credits
ITE 223 Network Management I	4
ITE 227 Computer Forensics	4
Mathematics Elective See explanation below	4
Total	12
Cybersecurity Certificate Total	25-26

Computer Elective: Choose from ITE 101, CSC 104, or CMP 103.

Mathematics Elective: Choose from MAT109, MAT111, or MAT122.

ITE 213 and **ITE 227** **DO NOT** count as electives in the Information Technology A.A.S degree.