NASSAU COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

Associate in Applied Science Information Technology		*Bachelor of Science in Information Technology* 2023	
Course	**Credit**	**Course**	**Credit**
First Semester: 15-16 credits			
BUS/ACC Elective	3	DATA 101 Making Sense of a Data-Oriented Society	3
CSC 104 Programming Logic and Problem Solving	3	CSCI 125 Computer Programming I	3
ENG 100 Enhanced Composition I *or* ENG101 Comp I *or* ENG108 Craft of Composition	3	FCWR 101 Writing I	3
ITE 101 Introduction to Information Technology	3	ETCS 108 Computer, Internet and Society	3
Mathematics Elective (MAT 102 Introduction to Statistics or higher)	3-4	Mathematics Elective or course equivalent	3-4
Second Semester: 16-17 credits			
COM 101 Interpersonal Communications, ENG 102 Composition II, or ENG 109 Art Analysis	3	FCSP 105 Foundations of Speech Comm, *or* FCWR 151 Writing II	3
Humanities Elective *Recommended:* PHI Philosophy	3	ICPH Philosophy Seminar	3
ITE 153 Operating System Management	4	CSCI 330 Operating Systems + 1 Elective credit*	4
ITE 154 Web Programming I	3	ITEC 305 Internet Programming I	3
Mathematics Elective (MAT 102 Introductory Algebra or higher)	3-4	Mathematics Elective or course equivalent	3-4
Third Semester: 16-17 credits			
HED Health Elective	2-3	Elective	2-3
ITE 213 Data Communications and the Internet	3	ITEC 460 Topics in Information Technology	3
ITE 223 Network Management I	4	CSCI 345 Computer Networks + 1 Elective credit*	4
ITE 204 Java Programming	4	CSCI 185 Computer Programming II + 1 Elective credit*	4
Social Science Elective *Recommended:* HIS History	3	Elective	3
Fourth Semester: 17 credits			
ITE Elective	3	Technology Elective	3
ITE Elective	3	Technology Elective	3
ITE 252 Database Management	4	ITEC 290 Database Systems + 1 Elective credit*	4
Laboratory Science *Recommended:* PHY Physics	4	Physics equivalent	4
Social Science Elective *Recommended:* Psychology or Sociology	3	Liberal Arts Elective	3
TOTAL	**64-67**	**TOTAL**	**64-67**

*Transfer substitution awarded on the basis of this agreement.
Note – Recommended courses are identified to maximize transfer credit award to NYIT.
Fewer credits may transfer if "Recommended" courses are not completed.

Program of Study at New York Institute of Technology
<u>Bachelor of Science in Information Technology</u>

Courses to be completed at NYIT:

<u>Major courses:</u>		<u>Credits</u>
CSCI 155	Computer Organization and Architecture	3
CSCI 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
ITEC 251	Applied Discrete Structures I	3
ITEC 320	Web-based Multimedia Development I	3
ITEC 357	Cisco Academy Level I	3
IENG 251	Project Engineering	3
MGMT 421	Cyber Law, Policy and Ethics	3
Prof Concentration	Info and Network Security *or* General Option	6

<u>Core and additional requirements:</u>		
FCSP 105 *or* FCWR 151	Speech Communication *or* Writing II	3
FCWR 304	Communication for Technical Professions	3
ICBS 3XX	ICBS Behavioral Science Seminar	3
ICLT 3XX	ICLT Literature Seminar	3
IENG 400	Technology and Global Issues	3
MATH 161	Basic Applied Calculus	3
Sci & Tech Electives	CTEC, ETEC, PHYS, CHEM, or BIOL	3
Electives	Subject of Electives (Science, Liberal Arts, General)	
	TBD based on courses completed at Nassau CC	<u>2-5</u>

Total credits at New York Institute of Technology: <u>53-56</u>
^ Requirement determined by courses completed at Nassau CC

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Dr. Babak Dastgheib-Beheshti, Dean   Date
College of Engineering & Computing Sciences, NYIT

▪ *Effective Fall 2023*