

# NASSAU COMMUNITY COLLEGE

# NEW YORK INSTITUTE OF TECHNOLOGY

<i>Associate in Applied Science Information Technology</i>		<i>Bachelor of Science in Information Technology</i>	
		<b>2019</b>	
Course	Credit	Course	Credit
<b>First Semester: 15-16 credits</b>			
BUS/ACC Elective	3	Elective	3
CSC 104 Programming Logic and Problem Solving	3	CSCI 125 Computer Programming I	3
ENG 100 Enhanced Composition I <i>or</i> ENG101 Comp I <i>or</i> 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
<b>Second Semester: 16-17 credits</b>			
COM 101 Interpersonal Communications, ENG 102 Composition II, or ENG 109 Art Analysis	3	FCSP 105 Foundations of Speech Comm, <i>or</i> FCWR 151 Writing II	3
Humanities Elective <i>Recommended: PHI Philosophy</i>	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
<b>Third Semester: 16-17 credits</b>			
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 <i>Recommended: HIS History</i>	3	FCIQ 101 Foundations of Inquiry*	3
<b>Fourth Semester: 17 credits</b>			
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 <i>Recommended: PHY Physics</i>	4	Physics equivalent	4
Social Science Elective <i>Recommended: Psychology or Sociology</i>	3	Liberal Arts Elective	3
<b>TOTAL</b>	<b>64-67</b>	<b>TOTAL</b>	<b>64-67</b>

\*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  
Bachelor of Science in Information Technology

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 <i>or</i> General Option	6

Core and additional requirements:

FCSP 105 <i>or</i> FCWR 151	Speech Communication <i>or</i> Writing II	3
FCSC 101	Foundations of Scientific Process	3
FCWR 304	Communication for Technical Professions	3
ICBS 3XX	ICBS Behavioral Science Seminar	3
ICLT 3XX	ICLT Literature Seminar	3
ICSS 309	Technology and Global Issues	3
MATH 161	Basic Applied Calculus	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: 53-56

<sup>^</sup> Requirement determined by courses completed at Nassau CC



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

8/16/2019  
Date

▪ Effective Fall 2019