SUFFOLK COUNTY COMMUNITY COLLEGE			NEW YORK INSTITUTE OF TECHNOLOGY 2022	
Associate in Applied Science Information Technology Network Design and Administration Option			**Bachelor of Science in Information Technology**	
Course	**Credit**		**Course**	**Credit**
First Semester: 17 credits				
COL 101: College Seminar	1		Elective	1
CST 111: Introduction to Computer Science and Information Technology	4		ETCS 108 Computer, Internet and Society + 1 Elective credit	4
CST 112: Introduction to Programming	4		Technology Elective (3) + 1 Elective credit	4
ENG 101: Standard Freshman Composition	3		FCWR 101 Writing I	3
MAT 107: Computer Mathematics Concepts	4		Mathematics Elective	4
Physical Education	1		Elective	1
Second Semester: 17-18 credits				
CST 125: Installing, Configuring and Administering Microsoft Windows Operating Systems *or* CST 126: Operating Systems: Linux/UNIX	4		CSCI 330 Operating Systems + 1 Elective credit	4
CST 141: Principles of Computing with Java	4		CSCI 125 Computer Program I + 1 Elective credit	4
ENG 121: Technical Writing	3		FCWR 151 Writing II	3
MAT 103: Statistics I, *or* MAT 121: Finite Mathematics or higher	3-4		Mathematics Elective	3-4
Social Sciences Elective *Recommended:* HIS History	3		Mathematics & Science Electives	3
Third Semester: 14-16 credits				
Business or Science/Engineering/Technology Elective *Recommended:* Natural Science	3-4		Science Equivalent	3-4
CSE or CST Elective (excluding CST 101), *or* ELT 150	3-4		ITEC Information Technology Elective (3) (+ 1 Elective credit if applicable)	3-4
CYB 111:CCNA: Introduction **to Networks**	3		ICSCI 345 Computer Networks	3
Humanities Elective *Recommended:* ENG Literature* *or* PHL Philosophy	3		Equivalent ICLT Literature *or* ICPH Philosophy Seminar	3
Physical Education	1		Elective	1
Fourth Semester: 14 credits				
CST 288: Cooperative Education/Internships for Computing Technology *or* BUS 150: Cooperative Education in Business	3		ITEC 450 Seminar Project	3
CST 227: Network Operating Systems and Network Infrastructure	4		ITEC 460 Topics in Information Technology + 1 Elective credit	4
CYB 121: CCNA Routing and Switching Essentials	3		ITEC 357 Cisco Academy Level 1	3
Social Sciences Elective *Recommended:* ANT, PSY, SOC	3		ICBS Behavioral Science Seminar	3
Minimum Credits Required	**60-63**		**TOTAL**	**60-63**

^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.

*Literature: ENG 202, ENG 205, ENG 206, ENG 209, ENG 210, ENG 211, ENG 212, ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218, ENG 219, ENG 220, ENG 221, ENG 223, ENG 226

Program of Study at New York Institute of Technology
Bachelor of Science in Information Technology

Courses to be completed at NYIT:

Major Courses:		Credits
CSCI 155	Computer Organization and Architecture	3
CSCI 185	Computer Programming II	3
CSCI 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
ITEC 251	Applied Discrete Structures I	3
ITEC 290	Database Systems	3
ITEC 305	Internet Programming I	3
ITEC 320	Web-based Multimedia Development I	3
IENG 251	Project Engineering	3
MGMT 421	Cyber Law, Policy and Ethics	3

Mathematics and Science

MATH 161	Basic Applied Calculus	3
Physics Elective		3
Science/Technology Elective		3

Core and additional requirements:

FCSP 105	Foundations of Speech Communication	3
CSCI 3/4XX	Computer Science Elective	3
FCWR 304	Communication for Technical Professions	3
ICLT or ICPH**	Literature *or* Philosophy Seminar	3
ICSS 309	Technology and Global Issues	3
Liberal Arts Electives		0-2
Open Electives		1-2

Total credits at New York Institute of Technology: 55-58

Babak Q. Beheshti (signature)

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