SUFFOLK COUNTY COMMUNITY COLLEGE		NEW YORK INSTITUTE OF TECHNOLOGY 2022	
Associate in Applied Science Information Technology Computer Information Systems Option		**Bachelor of Science Information Technology**	
Course	**Credit**	**Course**	**Credit**
First Semester: 17 credits			
COL 101: College Seminar	1	Elective	1
CST 111: Intro to Computer Science and Info Tech	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: 16-18 credits			
CST 141: Principles of Computing with Java	4	CSCI 125 Computer Program I + 1 Elective credit	4
CSE or CST Elective (excluding CST 101)	3-4	ITEC Information Technology Elective	3
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	Science & Technology Electives^	3
Third Semester: 15-16 credits			
CST 171: Relational Database Applications and Concepts	4	ITEC 290 Database Systems + 1 Elective credit	4
CST 242: Advanced Programming Problem Solving w Java	4	CSCI 185 Computer Program II + 1 Elective credit	4
CSE or CST Elective (excluding CST 101)	3-4	ITEC Information Technology Elective	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: 13-15 credits			
CST 288: Cooperative Education/Internships for Computing Technology *or* BUS 150: Cooperative Education in Business	3-4	ITEC 450 Seminar Project	3
Business or Accounting Elective (ACC 101, BUS 101 or BUS 127)	3-4	Elective	3
CST 272: Programming for Relational Database Management Systems	4	CSCI 401 Database Interfaces and Programming + 1 Elective credit	4
Social Sciences Elective *Recommended:* ANT, PSY, SOC	3	ICBS Behavioral Science Seminar	3
Minimum Credits Required	**61**	**TOTAL**	**61-62**

^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 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
CSCI 330	Operating Systems	3
CSCI 345	Computer Networks	3
ITEC 251	Applied Discrete Structures I	3
ITEC 305	Internet Programming 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

Mathematics and Science

MATH 161	Basic Applied Calculus	3
Physics Elective		3
Science 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 Elective		1-2

Total credits at New York Institute of Technology: 58-59

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

- *Effective Fall 2022*

**Seminar required depends on "Humanities" course completed at Suffolk CCC