

QUEENSBOROUGH COMMUNITY COLLEGE

NEW YORK INSTITUTE OF TECHNOLOGY

<i>Associate in Applied Science Computer Information Systems</i>		<i>Bachelor of Science in Information Technology</i>	
		2019	
Course	Credit	Course	Credit
Fall Semester #1: 16 credits			
ENGL 101 English Composition I	3	FCWR 101 Writing I	3
BU 201 Business Organization and Management	3	Elective	3
Required Core 1B. <i>Recommended:</i> MA 128 Calculus for Technical and Business Students, <i>or</i> MA 260 Pre-calculus and Elements of Calculus for Business	4	MATH 161 Basic Applied Calculus + 1 Mathematics Elective credit	4
CIS 101 Introduction to Microcomputer Applications	3	ETCS 108 Computer, Internet and Society*	3
CIS 102 Computer Programming Fundamentals for Business	3	CSCI 125 Computer Programming I	3
Spring Semester #1: 15 credits			
ENGL 102 English Composition II	3	FCWR 151 Writing II	3
Social Sciences or History Elective <i>Recommended:</i> HIST History course	3	FCIQ 101 Foundations of Inquiry*	3
BU 203 Principles of Statistics	3	Elective	3
CIS 152 Computer Programming for Business I <i>or</i> CIS 208 Database Management Systems	3	CSCI 185 Computer Programming II, <i>or</i> ITEC 290 Database Systems	3
CIS 153 Microcomputer Operating Sys & Utility Software	3	CSCI 330 Operating Systems	3
Fall Semester #2: 16 credits			
Humanities Elective	3	Liberal Arts Elective	3
BU 101 Principles of Accounting I	4	Elective	4
CIS 201 Local Area Network Management	3	CSCI 345 Computer Networks	3
CIS 152 Computer Programming for Business I <i>or</i> CIS 208 Database Management Systems	3	CSCI 185 Computer Programming II, <i>or</i> ITEC 290 Database Systems	3
CIS Elective	3	Technology Elective	3
Spring Semester #2: 13-14 credits			
Required Core 1.C. Life & Physical Sciences <i>Recommended:</i> PH Physics course with Science Laboratory Science Laboratory course	4	Physics Equivalent	4
ECON 101 Introduction to Macroeconomics <i>or</i> ECON 102 Introduction to Microeconomics	3	Liberal Arts Elective	3
CIS 251 Systems Analysis and Design w Bus Applications	3	CSCI 350 Systems Analysis	3
CIS Elective	3	Technology Elective	3
Free elective, if necessary	0-1	Elective	0-1
TOTAL	60-61	TOTAL	60-61

*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 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
Prof Concentration	Info and Network Security or General Option	6

Core and additional requirements:

FCSP 105	Speech Communication	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
ICPH 3XX	ICPH Philosophy Seminar	3
ICSS 309	Technology and Global Issues	3
Electives	Subject of Electives (Math, Science, Liberal Arts, General)	
	TBD based on courses completed at Queensborough CC	<u>5-6</u>

Total credits at New York Institute of Technology: 59-60



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

8/16/2019

Date

▪ *Effective Fall 2019*