

THE CITY UNIVERSITY OF NEW YORK

ARTICULATION AGREEMENT

Between

NEW YORK CITY COLLEGE OF TECHNOLOGY

And

BOROUGH OF MANHATTAN COMMUNITY COLLEGE

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Borough of Manhattan Community College (BMCC)

Department: Computer Information Systems

Program: Computer Network Technology

Degree: Associate in Applied Science (A.A.S.)

Receiving College: New York City College of Technology (NYCCT)

Department: Computer Systems Technology

Program: Computer Systems

Degree: Bachelor of Technology (BTech)

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- The AAS degree and a minimum GPA of 2.00
- Grade of C or higher in credit-bearing major courses

Students who wish to transfer but do not meet all of the above requirements or are unable to enroll within two years after graduation will receive admission consideration under our standard transfer credit policies.

Total transfer credits granted toward the BTech: 60

Total additional credits required at NYCCT to complete BTech degree: 60

Total credits required for the BTech degree in Computer Systems: 120

C. REQUIREMENTS OF BMCC AAS DEGREE IN COMPUTER NETWORK TECHNOLOGY TRANSFER CREDITS AWARDED

Common Core	
Required Common Core	
ENG101 English Composition I	3
ENG201 Introduction to Literature	3
MAT150 OR MAT200 OR MAT206 OR MAT301(QR)	4
AST110 or PHY110 (LPS)	4
Total required Common Core	14
Flexible Core	
Two from flexible core	6
CSC110 Computer Programming I (SW)	4
Total Flexible Core	10
Total Common Core	24
Curriculum Requirements	
ACC122 Accounting Principles I	3
CIS155 Computer Hardware	4
CIS255 Computer Software	4
CIS345 Telecommunication Networks I	4
CIS440 UNIX	3
CIS445 Telecommunication Networks II/LAN	4
CIS455 Network Security	4
BUS104 Introduction to Business or BUS200 Business Organization and Management	3
Elective (from ACC, BUS, CIS, CSC or MMP)	7
Total Curriculum	36
Total Program Credits	60

D. SENIOR COLLEGE UPPER DIVISION COURSE REMAINING FOR BACCALAUREATE DEGREE

Courses students will be required to take at NYCCT after completing AAS in Computer Network Technology:

Computer Systems program-specific Degree Requirement and Electives
Curriculum Requirements

CST4800 Project Management	3
CST4900 Internship or CST4905	3
Complete One of Following Four Tracks:	
Database	
CST3504 Database Design	3
CST2406 or CST3606	3
CST3604 Quality Database Implementation	3
CST3613 Application Development with Databases	3
CST4704 Data Warehousing	3
CST4714 Database Administration	3
CST4724 Data On The Web	3
Two Major Electives**	6
Network and Security	
CST2405 or CST2415 * System Administration	3
CST3507 Advanced Single-LAN Concepts	3
CST3607 Interconnectivity	3
CST3610 Network Security Fundamentals	3
CST4707 The LAN-Internet Connection	3
CST4710 Advanced Security Technologies	3
CST4715 Advanced Topics in System Administration	3
CST3523 Task Automation in System Administration	3
One Major Elective**	3
IT Operation	
CST2405 or CST2415 *	3
CST3507 Advanced Single-LAN Concepts	3
CST3610 Network Security Fundamentals	3
CST3605 Virtualization	3
CST3615 Enterprise Applications	3
CST4700 IT Service Management	3
CST4714 Database administration	3
CST4709 Installing and Maintaining Web Servers	3
One Major Elective**	3
Software Development	
CST3513 Object-Oriented Programming	3
CST3519 Advanced Client Technology	3
CST3613 Application Development with Databases	3
CST3606 Object-Oriented Systems Analysis and Design	3
CST4708 Software Development and .NET Framework	3
*CST2301 Multimedia and Mobile Device Programming	3
CST4713 Dynamic Web Development: Servlets and JSP	3
Two Major Electives**	6
Total Major Requirements:	33

Additional Required Credits	
ENG3773	3
BUS3525	3
Interdisciplinary course	3
PSY2404	3
MATH2440 Discrete Structure I***	3
MATH2540 Discrete Structure II	3
Flexible Core (including a speech course if not completed at BMCC)	9
Total Additional Requirements	27
Total	60

*If it was taken in AAS program, select another Major elective

** Any CST3XXX, CST4XXX courses

*** Students without the necessary background for MAT 2440 will be required to take prerequisite mathematics courses. They will be required to take up to an additional 8 credits of the mathematics prerequisites, MAT 1175 and MAT 1275.

Total degree credits to be taken at NYCCT	60
Total Credits for Degree:	120

This agreement is restricted to students enrolled in Computer Network Technology program at BMCC which lead to an Associate in Applied Sciences Degree.

Acceptance into this program will be under the requirements in effect at the time of admission and may be subject to such changes as shall be determined by NYCCT's academic policies and curricula. To earn a baccalaureate degree, admitted students must earn a minimum of 60 credits of which 34 must be taken in residence. Certification of graduation is assured upon completion of a minimum of 60 credits with a cumulative index of 2.0. This 2.0 index is also required in the major.

To satisfy the B.Tech degree requirements in Computer Systems at NYCCT, 33 credits in one of the four tracks must be completed. In addition to satisfy the B.Tech degree requirements in Computer Systems at NYCCT the 43 credit distribution in the Liberal Arts & Sciences Baccalaureate Core must be fulfilled.

Effective date: September, 2014