Transfer Advising Worksheet – Pathways
Here to Here – Technology Track
A.A.S. in Computer Information Systems at Borough of Manhattan Community College to
B.S. in Computer Information Systems at Lehman College

Effective Date: Fall 2018

Borough of Manhattan Community College:

Common Core	
Required Common Core – 14 credits	
English Composition (CareerWise)	6
Mathematical & Quantitative Reasoning (MAT 150 is the course in the CIS course that is offered via CareerWise)	4
Life & Physical Sciences (AST 110 OR PHY 110)	4
Flexible Core – 10 credits	
Scientific World: CSC 101 Principles in Info Technology (CareerWise)	3
Scientific World: CSC 110 Computer Programming I (CareerWise)	4
Individual & Society at Guttman: Ethnographies of Work (CareerWise)	3
Total Common Core	**24**
Associate Degree Major Requirements Remaining as Advised	
ACC 122 Accounting Principles I (CareerWise)	3
BUS 104 Introduction to Business (CareerWise)	3
CIS 345 Telecommunication Networks I	3
CIS 385 Web Programming I	3
CIS 395 Database Systems I	3
CIS 440 UNIX	3
CIS 485 Web Programming II	3
CIS 495 Database Systems II	3
CSC 210 Computer Programming II (CareerWise)	3
Program Electives (GIS 101, GIS 201, CIS 359, CIS 362, CIS 364, CIS 459, and CIS 490.)	6
Electives (any ACC, BUS, CIS, CSC, GIS, or MMP course except CIS 100.)	3
CED 201 Career Planning (CareerWise)	2
CED 315 CIS Internship	2
Total Associate Degree Major Credits	**40**
Total Program Credits	**64**

Lehman College: Remaining requirements for degree

College Option	Credits
Choose two of the following: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking	**6**
General Education Requirements Remaining	
World Cultures/Global Issues Creative Expression US Experience in its Diversity	**9**
Bachelor's Degree Major Requirements Remaining	
25-27 credits in computer science: ~~CIS 166 Computer Programming for Information Processing I~~ ~~CIS 211 Computer Information Systems~~ CIS 212 Microcomputer Architecture ~~CIS 244 Introduction to Database Management~~ CIS 331 Network Introduction CIS 344 Database Design and Programming ~~Two additional courses chosen from the 200-level (or higher) CIS courses~~	9
15 credits in mathematics: ~~MAT 132 Introduction to Statistics~~ MAT 174 Elements of Calculus MAT 301 Applied Statistics and Computer Analysis for Social Scientists MAT 348 Mathematical Methods for Management	11
9 credits in economics: ECO 166 Introduction to Macroeconomics ECO 167 Introduction to Microeconomics ~~ACC 185 Introduction to Accounting for Non-Accounting Majors OR ACC 171 Principles of Accounting I~~	6
6 credits in further electives: One 200-level CIS course PHI 221 Ethical Issues in Computing and Technology POL 299 Law, Computers, and the Internet: The Politics of Information Technology	6
Remaining credits in the Lehman major	**32**
General Electives	
Students should consult with an advisor when choosing elective courses to ensure that 60-credit Liberal Arts requirement is being satisfied.	**9**
Total Credits Earned at Lehman College	**56**
Total Credits Transferred from BMCC/Guttman	**64**
Total credits Required for Bachelor's degree at Lehman College	**120**