

Computer Operations AAS Degree Computer Network Administration & Security Option

Pathways Common Core: 27 credits

A. Required Core: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT120 Elementary Statistics (STEM)	3
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Life and Physical Sciences: 3 credits

Select one of the following courses:

SCB101 Topics in Biological Sciences	3
SCC101 Topics in Chemistry	3
SCP101 Topics in Physics	3
SCP140 Topics in Astronomy	3

B. Flexible Core*

To complete the degree requirements from the Flexible Core, students are to select five courses from the five Flexible Core categories. Note: Only one course can be selected from any one category and select courses from five different disciplines. Students are recommended to select courses listed in the program handbook.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

*Additional Common Core courses will be required when transferring to a CUNY College.

Students are advised to select one Urban Study course to complete college requirement.

Program Core: 33 credits

Counseling

New Student Seminar

Business and Technology: 7 credits

BTA111 Principles of Accounting I	4
BTM101 Introduction to Business	3

Computer Science: 25 credits

MAC109 Introduction to Visual Programming	3
MAC232 UNIX Network Operating Systems	3
MAC233 Windows Network Operating System	3
MAC245 Network and Systems Security	3
MAC246 Advanced Network and Systems Security	3
MAC252 Advanced UNIX	3
MAC253 Advanced Windows	3
MAC293 Computer Repair and Network Maintenance	4

Unrestricted elective: 1 credit

Total: 60 credits