# Computer Technology   AAS Degree

**Pathways Common Core: 21 credits**

**A. Required Core: 12 credits**

**English: 6 credits**
ENG101 English Composition I                                       3
(ENA101 or ENC101 depending on placement scores)
ENG102 Writing through Literature                                 3

**Mathematical and Quantitative Reasoning: 3 credits**
MAT115 College Algebra and Trigonometry (STEM)           3

**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 advised to select the following***:

*Students are to select three courses from the five Flexible Core categories.*  **Note: Only one course can be selected from any one category and select courses from three 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: 39 credits**

**Counseling**
New Student Seminar

**Business and Technology: 3 credits**
BTM101 Introduction to Business                                      3

**MEC: 8 credits**
MAT241 Technical Mathematics I                                    4
MAT242 Technical Mathematics II                                   4

**Computer Science: 28 credits**
MAC241 Computer Electronics I                                      4
MAC242 Computer Electronics II                                     3
MAC265 Computer Hardware Interfacing and Programming       3
MAC289 Computer Technology Project Lab                        2
MAC291 Computer Logic, Design and Implementation I          4
MAC292 Computer Logic, Design and Implementation II         4
MAC293 Computer Repair and Network Maintenance             4
MAC295 Computer Architecture                                       4

**Total:  60 credits**