

## Recommended Course Sequence

The number of credits you take each year will determine when you graduate. To graduate on time, you are strongly encouraged to enroll in at least 30 credits toward your degree during the calendar year, including fall and spring semesters and winter and summer sessions.

### A.A.S. Degree in Architectural Technology - Catalog Year 2017-18

#### Fall Semester #1

Courses	Credits	Pre-requisites and co-requisites
MA 114 College Algebra & Trigonometry for Technical Students* (Required Core 1.B. Mathematical and Quantitative Reasoning)	4	Pre-req.: MA 10 or passing score on the CUNY math placement exam, or exemption Pre-req. for MA 440: MA 114 or MA 119 & 121 with C or better
ARCH 119 Visualization I	2	Co-req.: ARCH 111 or CONM 111
ARCH 111 Architectural Design I	3	Co-req.: ARCH 119
ARCH 113 Building Technology I	3	Co-req.: ARCH 111 or CONM 111
TECH 100 Introduction to Engineering and Technology	1	none
ENGL 101 English Composition I (Required Core 1.A. – English Composition)	3	Pre-req.: BE 112/205 and 122/226 or passing score on CUNY placement, or exemption
<b>Total credits for the term</b>	<b>16</b>	

#### Spring Semester #1

Courses	Credits	Pre-requisites and co-requisites
ARCH 129 Visualization II	2	Pre-req.: ARCH 111 OR CONM 111, AND ARCH 119, both with a grade of C or higher
ARCH 121 Architectural Design II	4	Pre-req.: ARCH 111 and ARCH 119, both with a grade of C or higher Co-req.: ARCH 129
ARCH 123 Building Technology II	3	Pre-req.: ARCH 113 with a grade of C or higher
PH 201 General Physics I * (Required Core 1.C. Life & Physical Sciences)	4	Pre-req.: MA 114 or 119 and 121
ENGL 102 English Composition II (Required Core 1.A. – English Composition)	3	Pre-req.: ENGL-101 or placement
<b>Total credits for the term</b>	<b>16</b>	

#### Fall Semester #2

Courses	Credits	Pre-requisites and co-requisites
MT 341 Applied Mechanics	3	Pre-req.: PH 201 with a grade of C or better
ARCH 125 Surveying & Site Planning	3	Pre-req.: MA 114, ARCH 113, ARCH 121, all with a grade of C or higher
ARCH 231 Architectural Design III	4	Pre-req.: ARCH 121 and ARCH 129, both with a grade of C or higher; Co-req.: ARCH 125
ARCH 237 Environmental Systems	3	Pre-req.: ARCH 123 with a grade of C or higher
Flexible Core –Social Sciences or History: select one course from: 2. A. World Cultures and Global Issues OR 2.B. US in its Diversity OR 2.D. Individual & Society OR 2.E. Scientific World	3	Check individual course pre- and co-requisites
<b>Total credits for the term</b>	<b>16</b>	

## Spring Semester #2

<b>Courses</b>	<b>Credits</b>	<b>Pre-requisites and co-requisites</b>
MT 345 Strength of Materials	3	Pre-req.: MT 341
ARCH 248 Structures I	3	Pre-req.: MT-345 with a grade of C or higher
ARCH 241 Advanced Architectural Modeling	3	Pre-req.: ARCH-231 with a grade of C or higher
Flexible Core -Select one Social Sciences or History course from 2. A, B, D, or E	3	Check pre-requisites and co-requisites for individual courses
<b>Total credits for the term</b>	<b>12</b>	
<b>Total credits required for the A.A.S. in Architectural Technology</b>	<b>60</b>	

### Notes:

1. All students must complete two (2) WI designated classes to fulfill degree requirements.
2. Students in degree programs must complete any required remedial speech courses before graduation.
3. \*Students may substitute MA 440 or MA 441 for MA 114. Students planning to pursue a BS Arch/M. Arch or B. Arch. should take PH 201 and MA 441.
4. INDICATE IF ANY COURSES ARE OFFERED ONLY IN FALL OR SPRING SEMESTERS