

# Associate of Applied Science in Architectural and Engineering Technology

## Sample Plan

The academic plan below is one pathway through the degree/certificate. It includes all requirements, taking into account recommendations from program faculty. Each student's plan may vary according to their initial course placement (<https://uaa-alaska-test.courseleaf.com/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>), intended course load, additional majors and/or minors, and their placement into required prerequisite courses. Any change in the plan below can have an unforeseen impact on the rest of the plan. **Therefore, it is very important to meet with your academic advisor to verify your personal academic plan.**

Please review the following terms, definitions, and resources associated with the sample academic plan below.

- Each course in the far left column links to a pop-up bubble with a course description, prerequisite requirements, and associations with university requirements. For example, if a course fulfills a general education requirement, you will see that in the pop-up bubble.
- **GER:** indicates a General Education Requirement (<https://uaa-alaska-test.courseleaf.com/undergraduateprograms/baccalaureaterequirements/gers/>). GERs that also count toward degree/certificate requirements appear as a specific course in the plan. For these courses, "GER" is not indicated explicitly in the table, but if you click on the course, you will see the course's GER status in the pop-up bubble.
- **Program Elective:** indicates a specific course selection determined by program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Elective:** indicates an open selection of 100-400 level university courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate.
- **Upper Division Program Elective:** indicates a specific 300-400 level course selection determined by the program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Upper Division Elective:** indicates an open selection of 300-400 level courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate. These courses must be upper division in order to meet General University Requirements for the particular degree/certificate type.

First Year		Credits
Fall		
AET A101	Fundamentals of Construction Documents	3
AET A102	Methods and Materials of Building Construction	3
ART A160	Art Appreciation	3
MATH A105	Intermediate Algebra	4
WRTG A111	Writing Across Contexts	3
<b>Credits</b>		<b>16</b>

Spring		
ART A105	Beginning Drawing	3
AET A181	Fundamentals of Building Information Modeling (BIM)	3
ART A261	History of Western Art I	3
or ART A262	or History of Western Art II	
COMM A111	Fundamentals of Oral Communication	3
PHYS A115 & A115L	Physical Science and Physical Science Lab	4
WRTG A212	Writing and the Professions	3
<b>Credits</b>		<b>19</b>

Second Year		
Fall		
AET A123	Codes and Standards	3
AET A242	Mechanical, Electrical and Plumbing Systems	4
AET A285	Design Studio 1	5
CM A232	Statics and Strength of Materials	3
<b>Credits</b>		<b>15</b>

Spring		
AET A213	Fundamentals of Civil Construction	4
AET A286	Design Studio 2	5
CM A422	Sustainability in the Built Environment	3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>62</b>