



Academic & Career **PATHWAYS**

Associate of Applied Science (A.A.S.)

Building Maintenance & Construction – Full-Time Advising Guide

The purpose of this certification is to prepare students for employment or advanced training in building maintenance repair, and construction industries. This program focuses on broad, transferable skills. It stresses on the understanding of all aspects of the building maintenance, repair, and construction industries. The program will also demonstrate such elements of the industry as residential and light commercial building maintenance and construction in areas of carpentry, electrical, HVAC, and plumbing, as well as other related topics.

Complete all the courses below to earn the A.A.S degree and the highlighted courses only to earn the **Building Maintenance and Construction - Level 1 Pre-apprenticeship - Certificate.**

Complete all the courses below to earn the A.A.S degree and the highlighted courses only to earn the **Building Maintenance and Construction - Level 2 - Certificate.**

	Course	Degree Requirements Met	Credits	Action Steps
Semester 1				
<input type="checkbox"/>	BLDM 109 General Construction Principles and Trade Tools	Program Requirement	4	<ul style="list-style-type: none"> ▪ Meet with Student Success Advisor to build degree plan
<input type="checkbox"/>	BLDM 110 Electrical Safety and Principles	Program Requirement	3	
<input type="checkbox"/>	BLDM 124 Wiring Methods: Residential and Light Commercial	Program Requirement	3	
<input type="checkbox"/>	INTE 102 Communication for Industry	Program Requirement	2	
<input type="checkbox"/>	EHSS 112 Introduction to Health and Safety for Construction	Program Requirement	1	
<input type="checkbox"/>	MATH 115 Statistics MATH 119 Mathematical Reasoning and Modeling OR MATH 120 College Algebra Choose one	General Education Requirement	3	
Total Semester Credits			16	
Semester 2				
<input type="checkbox"/>	CSIS 115 Computer Concepts and Applications	Program Requirement	3	<ul style="list-style-type: none"> ▪ Meet with Student Success Advisor
<input type="checkbox"/>	BLDM 119 Carpentry: Sheetrock, Siding and Finishes	Program Requirement	4	
<input type="checkbox"/>	BLDM 210 Carpentry: Stairs, Flooring and Roofs	Program Requirement	3	
<input type="checkbox"/>	BLDM 220 Building Mechanical Systems	Program Requirement	3	
<input type="checkbox"/>	COMM 100 Fundamentals of Speech	General Education Requirement	3	
Total Semester Credits			16	



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Semester 3				
<input type="checkbox"/>	HVAC 109 Electricity for HVAC/R Technicians	Program Requirement	4	<ul style="list-style-type: none"> Meet with Student Success Advisor Meet with Career Center
<input type="checkbox"/>	HVAC 111 Principles of Heating, Ventilation, and Air Conditioning	Program Requirement	3	
<input type="checkbox"/>	HVAC 120 Fundamentals of Refrigeration	Program Requirement	4	
<input type="checkbox"/>	ENGL 101 Composition & Reading I	General Education Requirement	3	
Total Semester Credits			14	
Semester 4				
<input type="checkbox"/>	Electives: CSMG, HVAC, INTE, WELD	Program Elective	5-6	<ul style="list-style-type: none"> Meet with Student Success Advisor Complete Civics Exam with 70% or higher Apply for Graduation Apply for jobs
<input type="checkbox"/>	HIST 120 United States History to 1865 HIST 121 United States History since 1865 OR POLS 136 Introduction to U.S. National Politics Choose one	General Education Requirement/Civics	3	
<input type="checkbox"/>	ENGL 215 Technical Writing Or SPAN 100 Beginning Occupational Spanish Choose one	Program Requirement	3	
<input type="checkbox"/>	Social & Behavioral Sciences, CORE 42 Approved Choose one	Program Requirement	3	
Total Semester Credits			14-15	
Credits Required for A.A.S. Degree			60-65*	
Credits Required for Building Maintenance and Construction – Level 1 Pre-apprenticeship - Certificate. * Building Maintenance & Construction Level I Pre-Apprenticeship- must be completed before Level 2 – 16 hours			37	
Credits Required for Building Maintenance and Construction - Level 2 Certificate. * Building Maintenance & Construction Level I Pre-Apprenticeship- must be completed before Level 2 – 16 hours			37	
<p><i>*The A.A.S. in Building Maintenance & Construction requires a minimum of 60-65* total credits to graduate. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.</i></p>				

This Pathway Map is an advising tool designed for full-time students and identifies the course recommendations for timely degree completion. All pathway maps can be modified to fit the individual needs of students. All students are encouraged to meet with their success advisor to develop an individualized completion plan that best meets their goals, interests, and objectives. Degree requirements and prerequisite information can be found here: [Building Maintenance and Construction](#)

Please note:

Courses may require a prerequisite or appropriate placement, see the [Academic Catalog](#) for additional information.