

# Sustainable Construction and Design AAS Degree Courses

<b>Award</b>	Associate of Applied Science (AAS)
<b>Credits</b>	76
<b>Program Start</b>	Fall
<b>Time to Complete</b>	2 years

## 2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024. Part-time students should visit with a program advisor for a modified sequence of study.

**When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.**

Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
▶	Course has a prerequisite and/or corequisite.
○	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
<b>8WK1</b>	Course meets the first 8 weeks of the term.
<b>8WK2</b>	Course meets the second 8 weeks of the term.

Term 1			
CON-140	Concrete Lab ▶	8WK1	2
CON-201	Framing Techniques and Lab I	8WK2	2
CON-102	Introduction to Residential Construction		2
CON-108	Construction Safety		1
CON-130	Concrete Theory		1
CON-131	Site Layout and Blueprint Reading		1
CON-133	Construction Technology Lab		4
CON-302	Building Science I		1
MAT-772	Applied Math OR		3
	Math Elective		3
<b>Total Credits</b>			<b>17</b>

**Term 2**

CON-121	Carpentry Fundamentals I ▶		4
CON-146	Construction Technology Lab 2 ▶		3
CON-217	Exterior Finishing		3
HEQ-190	Introduction to Utility Equipment Operations ▶		2
PSY-102	Human and Work Relations OR	O E	3 ◆
PSY-111	Introduction to Psychology OR	O E	3 ◆
SOC-110	Introduction to Sociology	O	3 ◆
SPC-101	Fundamentals of Oral Communication OR		3 ◆
SPC-112	Public Speaking		3 ◆
			<b>Total Credits 18</b>

**Term 3 — Summer \***

CON-933	Employment Training Experience ▶		4
			<b>Total Credits 4</b>

\* Term 3 — Students must be enrolled in a minimum of 6 credits to receive the Last-Dollar Scholarship.

**Term 4**

CON-243	Advanced Framing Techniques ▶	8WK1	3
CON-228	Methods of Interior Finishing	8WK2	3
BUS-102	Introduction to Business		3
CAD-200	CAD SoftPlan ▶		3
CON-486	Building Science 2 Sustainable Design ▶		1
CON-510	Construction Technology Lab 3 ▶		3
HEQ-200	Utility Equipment Operations ▶		1
			<b>Total Credits 17</b>

## Term 5

CAD-208	SoftPlan 2 ▶		3	
COM-781	Written Communication in the Workplace ▶	OR	OE 3	◆
ENG-105	Composition I ▶	OR	OE 3	◆
WBL-110	Employability Skills		3	▣
CON-266	Construction Safety		3	
CON-290	Construction Estimating and Project Management ▶		2	
CON-515	Construction Technology Lab 4		4	
ENV-155	Residential Energy Auditing		4	
HCR-200	Manual J and D HVAC Design ▶		1	
			<b>Total Credits</b>	<b>20</b>

## Math Electives

MAT-102	Intermediate Algebra ▶		4	
MAT-110	Math for Liberal Arts ▶		3	
MAT-121	College Algebra ▶		4	
MAT-128	Precalculus ▶		4	
MAT-134	Trigonometry and Analytic Geometry ▶		3	
MAT-156	Statistics ▶		3	
MAT-210	Calculus I ▶		4	