

# 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

## 2023–2024 Suggested Sequence of Study



**The following suggested sequence of study is for new full-time students starting the program Fall 2023.** 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.
- 8WK1** Course meets the first 8 weeks of the term.
- 8WK2** 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- Math Elective		3 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</b>	<b>18</b>

**Term 3 — Summer**

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

**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</b>	<b>17</b>

**Term 5**

CAD-208	SoftPlan 2 ►		3	
COM-781	Written Communication in the Workplace ► -OR-	O E	3	◆
ENG-105	Composition I ► -OR-	O E	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 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	