

Sustainable Construction and Design AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	76
Program Start	Fall
Time to Complete	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 ▶	2
CON-201	Framing Techniques and Lab I	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

Total Credits 17

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 ◆
			Total Credits 18

Term 3 — Summer

CON-933	Employment Training Experience ▶		4
			Total Credits 4

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
			Total Credits 17

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

Total Credits 20**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