

Civil and Construction Engineering Technology AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	72
Program Start	Fall
Time to Complete	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.

Term 1	
CAD-118 Technical Drawing and CAD ▶	3
CET-123 Constr Drawings and Cont ▶	3
CET-160 Surveying ▶	3
CSC-110 Introduction to Computers ▶	3
EGT-416 Civil Engineering and Architecture	3
MAT-741 Technical Mathematics I ▶ * OR	3 ◆
MAT-121 College Algebra ▶	4 ◆

Total Credits 18

* Completion of MAT-128 with a minimum grade of C will satisfy the MAT-741 and MAT-748 course requirement.

Term 2

CET-142	PC Concrete, HMA, and Testing		3
CET-183	Structural Detailing and Civil Drafting ▶		3
CET-213	Route Surveying/Roadway Design ▶		3
COM-781	Written Communication in the Workplace ▶ OR	O E	3 ◆
ENG-105	Composition I ▶	O E	3 ◆
CON-266	Construction Safety		3
MAT-748	Technical Math II ▶ * OR		3 ◆
MAT-134	Trigonometry and Analytic Geometry ▶		3 ◆

Total Credits 18

* Completion of MAT-128 with a minimum grade of C will satisfy the MAT-741 and MAT-748 course requirement.

Term 3

CET-223	Soils, Testing, and Foundations ▶		3
CET-233	Fundamentals of GPS and GIS ▶		3
CET-253	Fundamentals of Construction Estimating ▶		3
EGT-243	Statics and Strength of Materials ▶		3
PHY-183	Applied Physics ▶ OR		3 ◆
PHY-162	College Physics I ▶		4 ◆
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 ◆

Total Credits 18**Term 4**

CET-133	Construction Methods and Resources ▶		3
CET-256	Land Surveying ▶		3
CET-262	Environmental Technology ▶		3
CET-285	Structural Steel/Reinforced Concrete Design ▶		3
CET-296	Site Planning and Development ▶		3
SPC-101	Fundamentals of Oral Communication		3

Total Credits 18