

# Civil and Construction Engineering Technology AAS Degree Courses

<b>Award</b>	Associate of Applied Science (AAS)
<b>Credits</b>	72
<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.

### 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	
CET-253	Fundamentals of Construction Estimating ▶		3	
COM-781	Written Communication in the Workplace ▶ -OR-	O E	3	◆
ENG-105	Composition I ▶	O E	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	
CON-266	Construction Safety		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**