Civil Engineering Technology Cooperative Study Option

(AAS.CETCO) Associate in Applied Science Degree

This cooperative study option has the same course work as the regular program; however, it is extended to include 15 months of on the job experience as an integral part of the training. The student will earn college credit plus typically earn a salary during this experience. The knowledge gained during the field cooperative work experience is very good for building a resume for future employment.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

Architecture & Construction

You might also like:

Workforce Ready
- Building Construction Tech – page 36
- Civil Engineering Tech – page 38
- Computer-Aided Design – page 48
- Computer-Aided Drafting – page 49
- HVAC – page 74
- Residential Wiring – page 124

Transfer Ready
- Civil Engineering Technology/Advanced – page 40

FIRST YEAR

First Semester		Hours
☐ TEC 050	Technical Mathematics I (Module 1)	2
☐ CET 060	Surveying I (Module 1)	3
☐ CET 054	Soils and Aggregates (Module 2) * †	4
☐ CET 051	Civil Construction I †	3
☐ ENG 050	Writing for Industry	3
☐ TEC 052	Technical Mathematics II (Module 2) *	2
	SEMESTER TOTALS	**17**

Second Semester		
☐ TEC 054	Technical Mathematics III (Module 1) *	2
☐ TEC 056	Technical Mathematics IV (Module 2) *	2
☐ CET 056	PC Concrete Theory (Module 1) * †††	2
☐ CET 057	Asphalt theory and Design (Module 2) * †††	2
☐ TEC 045	Introduction to Drafting	2
☐ CAD 056	CAD I	2
☐ SPE 111	Introduction to Speech Communication	3
☐ HED 178	Responding to Emergencies *or*	
SFS 101	Strategies for Success	2
	SEMESTER TOTALS	**17**

Summer Term		
☐ CET 076	S.O.E.	5
	SEMESTER TOTALS	**5**

SECOND YEAR

First Semester		Hours
☐ CET 077	S.O.E. *	6
	SEMESTER TOTALS	**6**

Second Semester		
☐ CET 078	S.O.E. *	6
	SEMESTER TOTALS	**6**

Summer Term		
☐ CET 079	S.O.E. *	3
	SEMESTER TOTALS	**3**

THIRD YEAR

First Semester		
☐ TEC 060	Analytical Mechanics * †	4
☐ CET 062	Surveying II (Module 1) * †	3
☐ CIS 068	Computer Applications	2
☐ CET 052	Civil Construction II * †	3
☐ CET 082	Civil Drafting * †	3
☐	Social Science Elective	3
	SEMESTER TOTALS	**18**

Second Semester		
☐ TEC 080	Strength of Materials * †††	4
☐ CET 087	Hydraulics and Drainage * †††	3
☐ CET 064	Surveying III * †††	3
☐ CET 081	CAD for Civil Engineering * †††	3
☐ CET 065	Data Collection for GIS Mapping * †††	2
	SEMESTER TOTALS	**15**

TOTAL PROGRAM HOURS 87

* There are prerequisites, course requisites or minimum placement test scores for this course
† Course only offered fall semester
††† Course only offered spring semester

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