Associate in Applied Science Degree

CIVIL ENGINEERING TECHNOLOGY

In the Civil Engineering Technology degree program, students will learn to apply theory and principles of Civil Engineering Technology in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff. Civil Engineering Technology graduates also have the option to continue their education by transferring to a senior institution and pursuing a Bachelor's Degree in Engineering . For transfer option see an Civil Engineering Program advisor.

CURRICULUM SEQUENCE

First Semester - Fall	Course Title	Semester Credit Hours
CET 127	Building Construction and Print Reading	4
EGR 170	Engineering Materials	3
EGR 270	Introduction to Engineering	3
EGR 282	Introduction to Civil Engineering	2
MAT 175	Algebra and Trigonometry I*	3
	TOTAL	15
Second Semester - Spring		
EGR 260	Engineering Statics	3
EGR 275	Intro. to Engineering/ Computer Graphics	3
EGR 285	Engineering Surveying I	3
EGR 295	Engineering Surveying Lab I	1
ENG 155	Communications*	3
	TOTAL	13
Third Semester - Summer		
CET 210	Strength of Materials	3
EGR 286	Engineering Surveying II	3
EGR 296	Engineering Surveying Lab II	1
EGR 289	SCWE in Civil Engineering Technology "Internship"	3
	TOTAL	10
Fourth Semester - Fall		
CET 216	Soil Mechanics	3
CET 218	Hydraulics	3
CET 242	Concrete Design	3
ENG 160	Technical Communications*	3
PSY 103	Human Relations*	3
	TOTAL	15
Fifth Semester - Spring		
CET 245	Cost Estimating	3
CET 246	Environmental Systems Technology	3
CET 251	Highway Design	3
EGR 288	Drainage Design	3
PHI 110	Ethics	3
	TOTAL	15
	TOTAL CREDIT HOURS	**68**

*The following university transferable sequences may be substituted: MAT 110, MAT 111 for MAT 175 and ENG 101, ENG 102 and SPC 205 for ENG 155/160; PSY 201 for PSY 103. Please see department chair for specific details.