

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.

Required Courses

Civil Engineering Technology

DEGREE REQUIREMENTS: CIVIL ENGINEERING TECHNOLOGY

Component	Course Title	Semester Credit Hours
GENERAL EDUCATION		
MAT 175	Algebra and Trigonometry I*	3
PSY 103	Human Relations*	3
PHI 110	Ethics	3
ENG 155	Communications I*	3
ENG 160	Technical Communications*	3
	Credits	15
REQUIRED CORE		
EGR 285	Engineering Surveying I	3
EGR 295	Engineering Surveying Lab I	1
EGR 275	Intro. to Engineering/ Computer Graphics	3
EGR 270	Introduction to Engineering	3
EGR 260	Engineering Statics	3
EGR 170	Engineering Materials	3
	Credits	16
OTHER HOURS REQUIRED FOR GRADUATION		
CET 127	Building Construction and Print Reading	4
CET 210	Strength of Materials	3
CET 216	Soil Mechanics	3
CET 218	Hydraulics	3
CET 242	Concrete Design	3
CET 245	Cost Estimating	3
CET 246	Environmental Systems Technology	3
CET 251	Highway Design	3
EGR 282	Introduction to Civil Engineering	2
EGR 286	Engineering Surveying II	3
EGR 288	Drainage Design	3
EGR 289	SCWE in Civil Engineering Technology "Internship"	3
EGR 296	Engineering Surveying Lab II	1

(Continued)

Credits	37
Total Credit Hours	68

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