



PHOENIX
COLLEGE

CIVIL ENGINEERING TECHNOLOGY CERTIFICATE OF COMPLETION



Department of Industrial Technology

Major Code 5297

Phoenix College Unofficial Advisement Checksheet

Student Name:		PC Advisor:		Total Credits Required: 42	
Student ID No.		Date:		CATALOG YEAR 2009-2010	
I. PROGRAM PREREQUISITES: 12-16 CREDITS					
ARC121	Intro./Architectural Drafting: Manual	3			
BPC110	Computer Usage & Applications OR				
CIS105	Survey of Computer Information Systems	3			
+ MAT120	Intermediate Algebra (5) OR				
+ MAT121	Intermediate Algebra (4) OR				
+ MAT122	Intermediate Algebra (3) OR				
	A satisfactory score on the District placement exam	3-5			
+ MAT150	College Algebra/Functions (5) OR				
+ MAT151	College Algebra/Functions (4) OR				
+ MAT152	College Algebra/Functions (3) OR				
	A satisfactory score on District placement exam	3-5			
II. REQUIRED COURSES: 42 CREDITS					
+ BLT126	Soil Mechanics	3			
CAD100	Fundamentals of 2D AutoCAD	3			
+ CAD186	Site Development I	3			
+ CET101	Surveying I	3			
+ CET102	Surveying II	3			
CET105	Highway Technology	3			
CET171	Construction Contracts OR				
GTC121	Construction Estimating I	3			
+ CET201	Boundary Control and Legal Principles I	3			
+ CET202	Boundary Control and Legal Principles II	3			
CET241	Fundamentals of Traffic Engineering	3			
CNS175	Working Drawing Analysis: Blueprint Reading	3			
CNS180	Building Construction Methods, Materials, & Equip.	3			
+ CNS260	Strength of Materials	3			
+ MAT182	Plane Trigonometry	3			
III. RESTRICTED ELECTIVES: NONE					
IV. GENERAL EDUCATION REQUIREMENTS: NONE					
V. CORE: NONE					

+ Prerequisites required. See course descriptions to determine the required course(s) that must be completed first.



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All program and course prerequisites must be met prior to enrolling in courses. Students are required to take the ASSET tests in Reading, English and Mathematics prior to enrollment to determine proper course placement. Please see an advisor prior to enrollment.

SEMESTER 1 (Fall)

Courses	Credits
CAD100 Fund. of 2D AutoCAD (F/S)	3
CET171 Construction Contracts (F)	3
OR GTC121 Construction Estimating I (F)	
CNS175 Blueprint Reading (F/S)	3
MAT182 Trigonometry	3
Total Credits	12

SEMESTER 2 (Spring)

Courses	Credits
BLT126 Soil Mechanics (S)	3
CET101 Surveying I (F/S)	3
CET105 Highway Technology (S)	3
Total Credits	9

SEMESTER 3 (Fall)

Courses	Credits
CAD186 Site Development (F)	3
CET102 Surveying II (F)	3
CET202 Boundary Controls & Legal Principles II (F)	3
CNS180 Bldg. Const. Meth., Mat., Eqpt. (F)	3
CNS260 Strength of Materials (F)	3
Total Credits	15

SEMESTER 4 (Spring)

Courses	Credits
CET201 Boundary Controls & Legal Principles I (S)	3
CET241 Fundamentals of Traffic Engineering (S)	3
Total Credits	6

Notes: F = Fall semester; S = Spring semester; F/S = Both Fall and Spring semesters

Summer school is a good time to take General Education requirements. Students are responsible for the proper selection and enrollment in classes. Advisors are available to assist in course selection. Students with deficiencies in Reading, English or Mathematics will earn more than 42 credits to complete the program.