



PHOENIX
COLLEGE

**CIVIL ENGINEERING TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE DEGREE**



Department of Industrial Technology

Major Code 3308

Phoenix College Unofficial Advisement Checksheet

Student Name:		PC Advisor:		Total Credits Required: 64 CATALOG YEAR 2009-2010	
Student ID No.		Date:			
I. PROGRAM PREREQUISITES: 12-16 CREDITS					
ARC121	Intro./Architectural Drafting: Manual	3	Grade	Semester	Comments
BPC110	Computer Usage & Applications OR	3			
CIS105	Survey of Computer Information Systems				
+ MAT120	Intermediate Algebra (5) OR	3-5			
+ MAT121	Intermediate Algebra (4) OR				
+ MAT122	Intermediate Algebra (3) OR				
A satisfactory score on the District placement exam					
+ MAT150	College Algebra/Functions (5) OR	3-5			
+ MAT151	College Algebra/Functions (4) OR				
+ MAT152	College Algebra/Functions (3) OR				
A satisfactory score on District placement exam					
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	3			
GTC121	Construction Estimating I				
+ 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: 22 CREDITS					
V. CORE: 12 CREDITS					
First Year Composition					
+ Any approved general education courses in the First-Year Composition area		6			
Oral Communication					
+ Any approved general education course in the Oral Communication area		3			
Critical Reading					
+ Any approved general education course in the Critical Reading area OR Equivalent as indicated by assessment.		3			
Mathematics					
+ Met by MAT182 in Required Courses area		0			
VI. DISTRIBUTION: 10 Credits					
Humanities and Fine Arts					
CNS 101 Construction and Culture		3			
Social & Behavioral Sciences					
+ Any approved general education course in the Social & Behavioral Sciences area		3			
Natural Science					
+ PHY 101 Introduction to Physics		4			

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



CIVIL ENGINEERING TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE DEGREE



Department of Industrial Technology

Major Code: 3500 64 credits

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
CRE101 Critical Reading (if needed)	3
MAT182 Trigonometry	3
Total Credits	
	15

SEMESTER 2 (Spring)	
Courses	Credits
BLT126 Soil Mechanics (S)	3
CET101 Surveying I (F/S)	3
CET105 Highway Technology (S)	3
ENG101 English Composition I	3
PHY101 Physics	4
Total Credits	
	16

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
ENG102 English Composition II	3
Total Credits	
	18

SEMESTER 4 (Spring)	
Courses	Credits
CET201 Boundary Controls & Legal Principles I (S)	3
CET241 Fundamentals of Traffic Engineering (S)	3
CNS101 Construction & Culture (F/S)	3
COM Communications class	3
Social/Behavioral Science class	3
Total Credits	
	15

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. CRE101 can be waived with an appropriate ASSET score. Students with deficiencies in Reading, English or Mathematics will earn more than 64 credits to complete the program.