

SURVEYING TECHNOLOGY

Certificate of Completion (Major Code 5203)

Phoenix College Unofficial Advisement Checksheet

Student Name:	PC Advisor:	Total Credits Required: 39 <hr style="width: 80%; margin: 5px auto;"/> CATALOG YEAR 2010-2011
Student ID Number:	Date:	

I. PROGRAM PREREQUISITES: 10 CREDITS	Cr	Grade	Semester	Comments
ARC121 Intro. to Architectural Drafting: Manual	3			
BPC110 Computer Usage & Applications OR				
CIS105 Survey of Computer Information Systems	3			
+MAT151 College Algebra/Functions OR Satisfactory score on District placement exam	4			
II. REQUIRED COURSES: 39 CREDITS				
CAD100 Fundamentals of 2D AutoCAD	3			
CAD186 Site Development I	3			
+CET101 Surveying I	3			
+CET102 Surveying II	3			
+CET150 Introduction to Geodesy and Map Projection	3			
+CET201 Boundary Control and Legal Principles I	3			
+CET202 Boundary Control and Legal Principles II	3			
+CET205 Photogrammetry	3			
+CET250 Public Land Surveying System	3			
+CET257 Route and Construction Surveying	3			
+GBS220 Quantitative Methods in Business	3			
+GBS221 Business Statistics	3			
+MAT182 Plane Trigonometry	3			

SURVEYING TECHNOLOGY

CERTIFICATE OF COMPLETION

(Major code: 5203) 39 credits

This is a suggested course enrollment by semester. All courses must be completed with a grade of “C” or higher. This program may take longer than two years to complete if a student tests into lower level English, Reading and/or Math courses. 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. 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 39 credits to complete the program.

PROGRAM PREREQUISITES: ARC121 Intro. to Arch. Drafting: Manual (3), BPC110 Computer Usage & Apps. **OR** CIS105 Survey of Computer Info Systems (3), MAT122 Intermediate Algebra (3), **AND** MAT151 College Algebra/Functions (4).

SEMESTER 1 (Fall)

<u>Courses</u>	<u>Credits</u>
ARC121 Intro. to Architectural Drafting: Manual (F/S)	3
CAD100 Fund. of 2D AutoCAD (F/S)	3
GBS220 Qualitative Methods in Business (F)	3
MAT182 Trigonometry	3
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Total Credits	12

SEMESTER 3 (Fall)

<u>Courses</u>	<u>Credits</u>
CAD186 Site Development (F)	3
CET102 Surveying II (F)	3
CET202 Boundary Controls & Legal Princ.II (F)	3
CET150 Intro. to Geodesy and Map Projection. (F)	3
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Total Credits	12

SEMESTER 2 (Spring)

<u>Courses</u>	<u>Credits</u>
CET101 Surveying I (F/S)	3
GBS221 Business Statistics (S)	3
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Total Credits	6

SEMESTER 4 (Spring)

<u>Courses</u>	<u>Credits</u>
CET201 Boundary Controls & Legal Princ. I (S)	3
CET205 Photogrammetry (S)	3
CET250 Public Land Survey System (S)	3
CET257 Route & Construction Surveying (S)	3
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Total Credits	9

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