



PHOENIX
COLLEGE

ARCHITECTURAL CAD TECHNOLOGY CERTIFICATE OF COMPLETION



Department of Industrial Technology

Major Code: 5500

Phoenix College Unofficial Advisement Checksheet

Student Name:	PC Advisor:	Total Credits Required: 50-52 CATALOG YEAR 2009-2010
Student ID No.	Date:	

I. PROGRAM PREREQUISITES: NONE	Cr	Grade	Semester	Comments
II. REQUIRED COURSES: 50-52 CREDITS				
ARC121	Intro. to Architectural Drafting: Manual	3		
ARC140	Rendering & Portfolio Development	3		
+ARC160	Site Planning	3		
+ARC225	Fundamentals of Architectural Detailing	3		
BLT263AK	Building Codes: IBC	3		
BPC110	Computer Usage & Applications OR			
CIS105	Survey of Computer Information Systems	3		
CAD100	Fundamentals of 2D AutoCAD	3		
+CAD167	Architectural Drawings (REVIT) I: Residential CAD	3		
+CAD215	Three-Dimensional AutoCAD Modeling	3		
+CAD255	Structural Details	3		
+CAD256	CAD Customization & Management	3		
+CAD267	Architectural Drawings (REVIT) II: Commercial CAD	3		
CNS175	Working Drawing Analysis: Blueprint Reading	3		
CNS180	Building Construction Methods, Materials & Equip.	3		
+CNS260	Strength of Materials	3		
+MAT151	College Algebra/Functions (4) AND			
+MAT182	Plane Trigonometry (3) OR	5-7		
+MAT187	Precalculus (5)			
III. RESTRICTED ELECTIVES: NONE				
IV. FREE ELECTIVES: NONE				
V. GENERAL EDUCATION REQUIREMENTS: NONE				

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



ARCHITECTURAL CAD TECHNOLOGY CERTIFICATE OF COMPLETION



Department of Industrial Technology

Major Code: 5500 50-52 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)	
<u>Courses</u>	<u>Credits</u>
ARC121 Intro. to Arch. Drafting: Manual (F/S)	3
BPC110 Computer Uage & Applications	3
OR CIS105 Survey of Computer Info Systems	
CAD100 Fund. of 2D AutoCAD (F/S)	3
CNS175 Blueprint Reading (F/S)	3
MAT151 College Algebra	4
Total Credits	16

SEMESTER 2 (Spring)	
<u>Courses</u>	<u>Credits</u>
ARC160 Site Planning (S)	3
ARC225 Fund. Of Arch. Detailing (F/S)	3
CAD215 3D AutoCAD Modeling (F/S)	3
MAT182 Trigonometry	3
OR MAT187 Precalculus (5)	
Total Credits	12

SEMESTER 3 (Fall)	
<u>Courses</u>	<u>Credits</u>
ARC140 Rendering & Portfolio Dev. (F)	3
CAD167 Residential CAD: Revit (F/S)	3
CAD256 CAD Customization & Management (F/S)	3
CNS180 Bldg. Const. Meth., Mat., Eqpt. (F)	3
CNS260 Strength of Materials (F)	3
Total Credits	15

SEMESTER 4 (Spring)	
<u>Courses</u>	<u>Credits</u>
BLT263AK Building Codes: IBC (S)	3
CAD255 Structural Details (S)	3
CAD267 Commercial CAD: Revit (F/S)	3
Total Credits	9

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 50 credits to complete the program.