

AEC Architectural Engineer Technician

P_AAS_ARC3

61

CAMPUS
DT

Fall Start

First Semester: Fall Start

Course Code	Course Name	Credit Hours	Course Pre-/Co-Req
AEC 1220	Architectural Theory	4	
AEC 1200	Print Reading Residential/Commercial	3	AEC 1220 or concurrent enrollment
CAD 1104	CAD Architecture	4	AEC 1220 or concurrent enrollment
CIS 1018 or CSC 1005	Introduction to PC Applications (recommended) or Computer Literacy	3	
		Total	14

Second Semester: Spring

Course Code	Course Name	Credit Hours	Course Pre-/Co-Req
AEC 1231	Residential Construction Drawing	4	AEC 1200, AEC 1220 and CAD 1104
AEC 1520	Construction Materials and Systems	3	AEC 1200 and AEC 1220
AEC 1600	Construction Practices and Documents	2	AEC 1200, AEC 1220, CAD 1104, and AEC 1231 concurrent
AEC 1110	History of Architecture	3	
MAT 1140 or higher	Career Math or higher math course	3	College Quantitative Literacy or concurrent enrollment in MAT 0140
		Total	15

Third Semester: Summer

Course Code	Course Name	Credit Hours	Course Pre-/Co-Req
AEC 2300	*Sustainable Building Systems * SUMMER ONLY	3	AEC 1200, AEC 1220, AEC 1231, and AEC 1520
ENG 1031 or higher	Technical Writing or higher ENG	3	College Reading & Writing Literacy or concurrent enrollment in ENG 0077 w/ ENG 1031, or ENG 0094 w/ ENG 1021
		Total	6

Fourth Semester: Fall

Course Code	Course Name	Credit Hours	Course Pre-/Co-Req
AEC 1232	Commercial Construction Drawings	4	AEC 1220, AEC 1231, AEC 1520, and CAD 1104
AEC 2700	International Building Codes	3	AEC 1231, AEC 1520, or AEC 1200 and CAR 1004
CAD 2220	Revit Architecture	3	AEC 1200, AEC 1220, AEC 1231, and AEC 1520
PSY 1005 or PSY 1001 or SPA 1001	Psych. of Workplace Relationships (recom.) or Gen. Psych. 1 or Conversational Spanish	3	
		Total	13

Fifth Semester: Spring

Course Code	Course Name	Credit Hours	Course Pre-/Co-Req
AEC 2230	Architectural Design and Development	4	AEC 1231, AEC 1520, AEC 1232, AEC 2300, and CAD 2220
CAD 2221	Advanced Revit Architecture	3	CAD 2220
AEC 2930	Professional Workplace Skills & Presentation	3	AEC 1231, AEC 1520
COM 1150 or COM 2250	Public Speaking (recommended) or Organizational Communication	3	
		Total	13

Contact Advising: Annie Landis: Annie.landis@pikespeak.edu

Interim Department Chair: michele.koster@pikespeak.edu

Unforeseen events could impact the offering of a particular course; however, we will make every effort to assure the least negative impact on students should a change in a rotation be required.