AEC Architectural Engineer Technician
P_AAS_ARC3
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Fall Start

First Semester: <mark>Fall Start</mark>

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 *<mark>SUMMER ONLY</mark>	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	