PROGRAMS

ARCHITECTURAL TECHNOLOGY

These curriculums are designed to prepare individuals to apply technical knowledge and skills to the fields of architecture, construction, construction management, and other associated professions.

Course work includes instruction in sustainable building and design, print reading, building codes, estimating, construction materials and methods, and other topics related to design and construction occupations.

Graduates of this pathway should qualify for entry-level jobs in architectural, engineering, construction and trades professions as well as positions in industry and government.

Construction Management Technology: A program that prepares individuals to supervise, manage, and inspect construction sites, buildings, and associated facilities. Includes instruction in site safety, personnel supervision, labor relations, diversity training, construction documentation, scheduling, resource and cost control, bid strategies, rework prevention, construction insurance and bonding, accident management and investigation, applicable law and regulations, and communication skills.

Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		**Class**	**Lab**	**Credit**
ACA-115	Success & Study Skills	0	2	1
ARC-111	Intro to Arch Technology	1	6	3
ARC-112	Constr Matls & Methods	3	2	4
BPR-130	Print Reading-Construction	3	0	3
EGR-110 or	Intro to Engineering Tech or			
EGR-150	Intro to Engineering	1	2	2
ENG-111	Writing and Inquiry	3	0	3
***	Technology Elective	1-3	0-2	2-3
	Credit Hours	**12-14**	**12-14**	**18-19**
Second Semester (Spring)				
ARC-114	Architectural CAD	1	3	2
CEG-111	Intro to Gis and Gnss	2	4	4
CST-241	Planning/Estimating I	2	2	3
ENG-112 or	Writing/Research in the Disc or			
ENG-114	Prof Research & Reporting	3	0	3
MAT***	MAT-121 or MAT-171	2-3	2	3-4
	Credit Hours	**10-11**	**11**	**15-16**
Third Semester (Summer)				

		Course Hours Per Week		Semester Hours
EGR-251	Statics	2	2	3
PHY-131 or	Physics-Mechanics or			
PHY-151	College Physics I	3	2	4
SRV-110	Surveying I	2	6	4
	Credit Hours	**7**	**10**	**11**
Fourth Semester (Fall)				
CEG-211	Hydrology & Erosion Control	2	3	3
CMT-210	Construction Management Fund	3	0	3
CST-231	Soils & Site Work	3	2	4
SST-140	Green Bldg & Design Concepts	3	0	3
***	Humanities/Fine Arts Elective	3	0	3
	Credit Hours	**14**	**5**	**16**
Fifth Semester (Spring)				
ACC-120	Prin of Financial Accounting	3	2	4
BUS-139 or	Entrepreneurship I or			
BUS-230	Small Business Management	3	0	3
CMT-212	Total Safety Performance	3	0	3
***	Social/Beh Sciences Elective	3	0	3
	Credit Hours	**12**	**2**	**13**
Total Required Minimum Semester Hours Credit				73

Technology Electives:		Class	Lab	Credit
CIS-111	Basic PC Literacy	1	2	2
EGR-125	Appl Software for Tech	1	2	2
UAS-110	Intro to UAS Operations	3	0	3

View Catalog Archives

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