B.S. in Engineering Technology CAD-Architecture/Civil Design (CAD-Arch) 2022-23

	Course	Title	Cr.	When	Prerequisites
	CCET 4610	Advanced Soid Modeling	3	S	CCET 1040 or CCET 2620 or CCET 3630 or CCET 3690 o
	CCET 4960	Senior Project	3	S	Senior standing
	EET 1600	Robotics and Automation	3	F	
GE Courses are required to graduate with a Bachelor					
Core Requirements	ENGR 1010	Engineering in the 21st Century	3	F/S	
	ENGR 1030	Computer-Aided Design - SolidWorks	3	F/S/Su	
	PHYS 2020/15	College Physics I/Lab	4/1	F/Su	MATH 1060 or ALEKS 75 or ACT 26
Select one	MATH 1100	Applied Calculus	3	S	MATH 1050 or ALEKS 60
	MATH 1210	Calculus I	4	F/S/Su	MATH 1050 & 1060 or ALEKS 75
	COMM 4240	Technical Writing	3	F/S/Su	
Select one	ENGL 3120	Grant & Technical Writing	3	S	ENGL 2010
	CCET 1010	Intro to Engineering & Tech Design	3	F/S	
	CCET 1030	Intro to CAD/CAM 3D Design	3	F/S	
CAD Courses	CCET 1040	Intro to Residential Arch - AutoCAD	3	F/S	
	CCET 2620	3-D Design	3	F	
	CCET 2650	Mechanical Blueprint Reading	2	F	CCET 2620 or CCET 3630 or CCET 3690 or ENGR 1030
	CCET 3610	Architectural Design	3	F	CCET 1040
	CCET 3630	Fundamentals of CATIA	3	F	CCET 2620 or CCET 3690 or ENGR 1030
	CCET 3670	Civil Design	3	S	CCET 1040
	CCET 4600	Engineering Design	3	S	CCET 2620 or CCET 3630 or CCET 3690 or ENGR 1030
	ENGR 2000	Statics & Strength of Matierials for CM	3	F	MATH 1050 & 1060
Architectural/ Civil Design Emphasis	CCET 2240/45	Plane Surveying & GPS/Lab	2/1	F	MATH 1060
	CCET 3240/45	Advanced Surveying/Lab	2/1	S	CCET 2240
	CCET 3650	Adv'd Residential & Comm Design	3	S	CCET 1040 or CCET 3610
	CM 1000	Construction Plans	3	F/S	
	CM 3240	Estimating & Bidding	3	F	MATH 1050 & MATH 1060
	CM 3270	Building Codes & Ethics	3	F	
	CM 3880	Planning & Scheduling	3	S	CM 1000 & CM 2030
	CM 4000	Sustainable Practices & Design	3	S	CCET 3610 or CCET 3650
	CM 4240	Advanced Estimating & Bidding	3	S	CM 3240
	CM 4300	Const Project Mgmt Leadership	3	F	CM 3240 or CM 3880
	CM 4550	Construction Safety	3	F/S	CM 3270