

B.S./B.A. in Engineering Technology CAD-Architecture/Civil Design (CAD-Arch) 2020-21

	Course	Title	Cr.	Sched.	Prerequisites
CCET GE Courses	Quantitative Lit.	MATH 1050 - College Algebra	4	F/S/Su	MATH 1010 or ACT 23+
		MATH 1060 - Trigonometry	3	F/S/Su	MATH 1010
	PS GE	PHYS 2010/2015 - College Physics/Lab	4/1	F/Su	MATH 1060
Other GE Courses are required to graduate with a Bachelor's Degree from SUU. The above-listed courses count for both GE and major requirements.					
Engr Tech Core	CCET 4610	Advanced Solid Modeling	3	S	CCET 1040 & 2620 or 3630
	CCET 4960	Senior Project	3	S	Senior Status
	EET 1600	Robotics and Automation I	3	F	
	ENGR 1010	Engineering in the 21st Century	3	F/S	
	ENGR 1030	Computer Aided Design - SolidWorks	3	F/S/Su	
Select one	MATH 1100 or MATH 1210	Applied Calculus or Calculus	3 4	S/Su F/S/Su	MATH 1050 MATH 1050 & 1060
Select one	COMM 4240 ENGL 3120	Technical Writing Grant and Technical Writing	3 3	F/S/Su S	None ENGL 2010
CAD/CAM Core	CCET 1010	Intro to Engineering & Technical Design	3	F/S	
	CCET 1030	Intro to CAD/CAM 3D Design	3	F/S	
	CCET 1040	Intro to Residential Arch using AutoCAD	3	F/S	
	CCET 2620	3-D Design	3	F	
	CCET 2650	Mechanical Blueprint Reading	2	F	CCET 1010
	CCET 3610	Architectural Design	3	F	CCET 1010 & 1040
	CCET 3630	Fundamentals of CATIA	3	F	CCET 1040
	CCET 3670	Civil Design	3	S	CCET 1010 or 1040
	CCET 4600	Engineering Design	3	S	CCET 1040 & 2620 or 3630
	ENGR 2000	Statics & Strength of Materials for CM	3	F	MATH 1050 & 1060
Arch/Civil Design	CCET 2240/2245	Plane Surveying & GPS/Lab	2/1	F	MATH 1060
	CCET 3240/3245	Advanced Surveying/Lab	2/1	S	CCET 2240/2245
	CCET 3650	Residential Drafting	3	S	CCET 3610
	CM 1000	Construction Plans	3	F/S	
	CM 3240	Estimating & Bidding	3	F	CEIS 1000
	CM 3270	Building Codes and Ethics	3	F	
	CM 3880	Planning and Scheduling	3	S	See Advisor for override after CM 1000 & CCET 3610 or 3650
	CM 4000	Sustainable Practices & Design	3	S	CCET 3610 or 3650
	CM 4240	Advanced Estimating & Bidding	3	S	CM 3240
	CM 4300	Construction Project Mgmt Leadership	3	F	CM 3880
	CM 4550	Construction Safety Administration	3	F/S	CM 3270
	CM 4880	Construction Docs. & Administration	3	S	CM 1000

**Free Electives to total 120 credits and 40 Upper Division credits (40+ UD in Major)
This degree will give you a Minor in Construction Technology.**