

4-Year Academic Plan: (CAD-Arch) Engineering Technology - CAD Architecture/ Civil Design

The following is a sample outline demonstrating 4-year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete degree.

This is a **GUIDE ONLY**. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall (16 credits)					1st Year Spring (16 credits)				
ENGL	1010	Intro. to Academic Writing	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
MATH	1050	College Algebra	4	F/S/Su	INFO	1010	Information Literacy	1	F/S/Su
CCET	1010	Engr Technology Graphics	3	F/S	MATH	1060	Trigonometry	3	F/S/Su
CCET	1030	Intro to CAD-CAM 3D Design	3	F/S	CCET	1040	Intro to Res Arch - AutoCAD	3	F/S
XXXX	XXXX	Life Science GE	3	F/S/Su	ENGR	1030	Computer Assisted Design	3	F/S
					XXXX	XXXX	Humanities GE	3	F/S/Su
2nd Year Fall (15 credits)					2nd Year Spring (15 credits)				
CCET	2620	3D Design	3	F/S	XXXX	XXXX	American Institutions GE	3	F/S/Su
CCET	3610	Architectural Design	3	F	MATH	1100	Applied Calculus	3	S
CM	1000	Construction Plans	3	F	CCET	3650	Residential Drafting	3	S
EET	1600	Robotics and Automation I	3	F	CCET	3670	Civil Design	3	S
ENGR	1010	Engineering in the 21st Century	3	F/S	CCET	4600	Engineering Design	3	S
3rd Year Fall (16 credits)					3rd Year Spring (15 credits)				
PHYS	2010/15	College Physics/Lab (PS GE)	5	F/Su	XXXX	XXXX	Fine Arts GE	3	F/S/Su
CM	3240	Estimating & Bidding	3	F	CCET	4610	Advanced Solid Modeling	3	S
CM	3270	Building Codes & Ethics	3	F	CM	3880	Planning & Scheduling	3	S
CCET	2650	Mechanical Blueprint Reading	2	F	CM	4240	Advanced Estimating & Bidding	3	S
CCET	3630	Fundamentals of CATIA	3	F	COMM	4240	Technical Writing or Grant & Technical Writing	3	F/S/Su
					ENGL	3120			S
4th Year Fall (15 credits)					4th Year Spring (12 credits)				
XXXX	XXXX	Social & Behav. Science GE	3	F/S/Su	CCET	3240/45	Advanced Surveying/Lab	3	S
CCET	2240/45	Surveying & GPS/Lab	3	F	CCET	4960	Capstone Project	3	F/S
ENGR	2000	Statics & Strength of Mat for CM	3	F	CM	4000	Sustainable Practices	3	S
CM	4300	Construction Project Mgmt	3	F	CM	4880	Constr. Docs & Administration	3	S
CM	4550	Construction Safety Admin.	3	F/S					

Other Notes:

* Can choose between MATH 1100, Applied Calculus or MATH 1210, Calculus I

This major will give you a minor in Construction Technology

Classes in Bold (to total 63) will get you the Associate of Applied Science in CAD Technology

Color Key:

General Education Courses (green)

Major-required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)