

4-Year Academic Plan: 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 (14 credits)					1st Year Spring (16 credits)				
ENGL	1010	Intro. to Academic Writing	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
EDGE	1010	Becoming an Engaged Learner	1	F/S/Su	CSIS	1000	Intro to Computers & Internet	3	F/S/Su
MATH	1050	College Algebra	4	F/S/Su	LM	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
					ENGR	1030	Computer Assisted Design	3	F/S
2nd Year Fall (15 credits)					2nd Year Spring (15 credits)				
XXXX	XXXX	Humanities GE	3	F/S/Su	XXXX	XXXX	Social & Behav. Science GE	3	F/S/Su
CCET	2620	3D Design	3	F/S	MATH	1100	Applied Calculus	3	S
CCET	3610	Architectural Design	3	F	CCET	3670	Civil Design	3	S
CCET	3630	Fundamentals of CATIA	3	F	CCET	4600	Engineering Design	3	S
CM	1000	Construction Plans	3	F	CCET	4610	Advanced Solid Modeling	3	S
3rd Year Fall (16 credits)					3rd Year Spring (16 credits)				
PHYS	2010/15	College Physics/Lab (PS GE)	5	F/Su	XXXX	XXXX	Life Science GE	3	F/S/Su
CM	3240	Estimating & Bidding	3	F	CCET	3650	Residential Drafting	3	S
CM	3270	Building Codes	3	F	CM	3880	Scheduling & Ethics	3	S
CCET	2650	Mechanical Blueprint Reading	2	F	CM	4240	Advanced Estimating & Bidding	3	S
EET	3769	Electronic Design & Fabrication	3	F	COMM	4240	Technical Writing	3	F/S/Su
					EDGE	30XX	*Project Proposal & Planning	1	F/S/Su
4th Year Fall (15 credits)					4th Year Spring (13 credits)				
CM	4550	Construction Safety Admin.	3	F	XXXX	XXXX	Fine Arts GE	3	F/S/Su
CCET	2240/45	Surveying & GPS/Lab	2/1	F	EDGE	40XX	*Project Reporting & Reflection	1	F/S/Su
ENGR	2000	Statics & Strength of Mat for CM	3	F	CCET	3240/45	Advanced Surveying/Lab	2/1	S
ENGR	2170	Programming for Engineers	3	F	CCET	4960	Capstone Project	3	F/S
XXXX	XXXX	American Institutions GE	3	F/S/Su	CM	4000	Sustainable Practices	3	S

Color Key:

General Education Courses (green)

EDGE Program Courses (orange)

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

Major Courses (black)

Electives/minor/etc. (red)

Other Notes:

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

This major will give you a minor in Construction Technology