

## 4-Year Academic Plan: (CCET) Engineering Technology - CAD/CAM

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 (13 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	Intro to Engr. & Tech. Design	3	F/S	MATH	1060	Trigonometry	3	F/S/Su
CCET	1040	Intro to Res Arch - AutoCAD	3	F/S	CCET	1030	Intro to CAD-CAM 3D Design	3	F/S
XXXX	XXXX	Life Science GE	3	F/S/Su	ENGR	1030	Computer Assisted Design	3	F/S
2nd Year Fall (14 credits)					2nd Year Spring (15 credits)				
XXXX	XXXX	American Institutions GE	3	F/S/Su	XXXX	XXXX	Humanities GE	3	F/S/Su
CCET	2620	3D Design	3	F	ENGR	1010	Engineering in the 21st Century	3	F/S
CCET	2650	Mechanical Blueprint Reading	2	F	MATH	*1100	Applied Calculus	3	S
CCET	2690	Fund. of Manufacturing	3	F	CCET	3670	Civil Design	3	S
EET	1600	Robotics and Automation I	3	F	CCET	3680	CNC Design	3	S
3rd Year Fall (17 credits)					3rd Year Spring (15 credits)				
XXXX	XXXX	Fine Arts GE	3	F/S/Su	CCET	3690	Adv'd Design Unigraphics NX	3	S
CCET	3610	Architectural Design	3	F	CCET	4600	Engineering Design	3	S
CCET	3630	Fundamentals of CATIA	3	F	CCET	4610	Advanced Solid Modeling	3	S
PHYS	2010/15	College Physics/Lab (PS GE)	5	F/Su	COMM	4240	Technical Writing	3	F/S/u
XXXX	XXXX	Free Elective	3	F/S/Su	ENGL	3120	Grant & Technical Writing	3	S
XXXX	XXXX	Free Elective	3	F/S/Su	XXXX	XXXX	Free Elective	3	F/S/Su
4th Year Fall (15 credits)					4th Year Spring (15 credits)				
XXXX	XXXX	Social Science GE	3	F/S/Su	CCET	4790	Comp. Intgrtd Manufacturing	3	F/S/Su
CCET	4690	CNC Software & Applications	3	F	CCET	4960	Capstone Project	3	F/S
ENGR	2000	Statics & Strength of Mat for CM	3	F	XXXX	XXXX	UD Free Elective	3	F/S/Su
XXXX	XXXX	UD Elective	3	F/S/Su	XXXX	XXXX	UD Free Elective	3	F/S/Su
XXXX	XXXX	Free Elective	3	F/S/Su	XXXX	XXXX	Free Elective (if needed)	3	F/S/Su

### Color Key:

General Education Courses (green)

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

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