



4-Year Academic Plan: Engineering Technology CAD/CAM Emphasis

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.

*While every effort has been made to align this sample with departmental offerings and recommendations, **this is a GUIDE ONLY.** Please meet with your academic advisor and consult DegreeWorks for specifics.*

<p>1st Year Fall (15 credits)</p> <p>CCET 1010 Engineering Tech Graphics (3) CCET 1030 Intro to CAD-CAM 3D Design (3) ENGL 1010 Intro to Academic Writing (3) LM 1010 Information Literacy (1) MATH 1050 College Algebra (4) EDGE 1010 Becoming an Engaged Learner (1)</p>	<p>1st Year Spring (15 credits)</p> <p>CCET 1040 Computer Aided Design (3) ENGR 1030 Computer Assisted Design (3) MATH 1060 Trigonometry (3) ENGL 2010 Intermediate Writing (3) CSIS 1000 Intro to Computers & Internet (3)</p>
<p>2nd Year Fall (17 credits)</p> <p>CCET 2690 Fundamentals of Manufacturing (3) CCET 2650 Mechanical Blueprint Reading (2) CCET 2620 3D Design (3) MATH 1210 Calculus I (4) PHYS 2210/2215 Phys. For Sci/Eng. Lab (5)</p>	<p>2nd Year Spring (15 credits)</p> <p>CCET 3670 Civil Design (3) CCET 3680 CNC Design (3) MATH 1100 Applied Calculus (3) Fine Arts Knowledge Area (3) HSS 1120 Intro to Diversity (3)</p>
<p>3rd Year Fall (15 credits)</p> <p>CCET 3610 Architectural Design (3) CCET 3630 Fundamentals of CATIA (3) CCET 4690 CNC Software & Applications (3) ENGR 2170 Programming for Engineers (3) Americans Institutions Course (3)</p>	<p>3rd Year Spring (15 credits)</p> <p>CCET 3690 Advanced Design Unigraphics NX (3) CCET 4600 Engineering Design (3) CCET 4610 Advanced Solid Modeling (3) COMM 4240 Technical Writing (3) Life Science Knowledge Area (3)</p>
<p>4th Year Fall (15 credits)</p> <p>ENGR 2010 Statics (3) EET 3760 Electronic Design & Fabrication (3) Social & Behavioral Science Knowledge Area (3) Upper Division Elective (3) Elective (3)</p>	<p>4th Year Spring (13 credits)</p> <p>CCET 4790 Computer Integrated Manufacturing (3) CCET 4960 Capstone Project (3) ENGR 2140/2145 Strength of Materials/Lab (4) EDGE 30XX Project Proposal & Planning* (1) EDGE 40XX Project Reporting & Reflection* (1) Elective (1)</p>

Color Key:

General Education Courses (green)

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

Major Courses (black)

Electives/minor/etc. (red)

EDGE Program Course (orange)

Other Notes:

➤ (*) See catalog for available options