



4-Year Academic Plan: Engineering Technology CAD/CAM-Architecture/ Civil Design 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) CCET 1010 Engineering Tech Graphics (3) CCET 1030 Intro to CAD-CAM 3D Design (3) ENGL 1010 Intro to Academic Writing (3) MATH 1050 College Algebra (4) EDGE 1010 Becoming an Engaged Learner (1)</p>	<p>1st Year Spring (15 credits) CCET 1040 Computer Aided Design (3) ENGR 1030 Computer Assisted Design (3) MATH 1060 Trigonometry (3) ENGL 2010 Intermediate Writing (3) LM 1010 Information Literacy (1) CSIS 1000 Intro to Computers & Internet (3)</p>
<p>2nd Year Fall (16 credits) CCET 2620 3D Design (3) CCET 3610 Architectural Design (3) CCET 3630 Fundamentals of CATIA (3) CM 1000 Construction Plans (3) HSS 1120 Intro to Diversity (3)</p>	<p>2nd Year Spring (15 credits) CCET 3670 Civil Design (3) CCET 4600 Engineering Design (3) CCET 4610 Advanced Solid Modeling (3) CM 3240 Estimating & Bidding (3) MATH 1100 or 1210 Calculus (3/4)</p>
<p>3rd Year Fall (16 credits) CCET 2650 Mechanical Blueprint Reading (2) CM 3270 Building Codes (3) EET 3760 Elec. Design & Fabrication (3) ENGR 2170 Programming for Engineers (3) PHYS 2010/2015 College Physics Lab (5)</p>	<p>3rd Year Spring (16 credits) CCET 3650 Residential Drafting (3) CM 3880 Scheduling & Ethics (3) COMM 4240 Technical Writing (3) CM 4240 Advanced Estimating & Bidding (3) Life Science Knowledge Area (3) EDGE 30XX* Project Proposal & Planning (1)</p>
<p>4th Year Fall (16 credits) CCET 2240/2245 Surveying & GPS/ Lab (4) CM 4550 Construction Safety Administration (3) ENGR 2000 Statistics & Strength of Materials (3) Social & Behavioral Science Knowledge Area (3) Fine Arts Knowledge Area (3)</p>	<p>4th Year Spring (15-16 credits) CCET 3240/3245 Advanced Surveying/Lab (3) CCET 4960 Capstone Project (3) CM 4000 Sustainable Practices (3) Americans Institutions Course (3) EDGE 40XX* Project Reporting & Reflection (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:

➤ (*) indicates available options—see catalog