

# THE CARDINAL PLAN FOR: **ENGINEERING TECHNOLOGY MANAGEMENT**

***A plan for  
a successful  
college experience.***

## **BEYOND GRADUATION**

What can you do with an ETM degree?

There are many career opportunities available after graduation in management, quality, manufacturing, supervision, and engineering fields at companies such as General Motors, Nexteer Automotive, and Dow Chemical Company.

Your B.S. in ETM will also prepare you for graduate school in fields related to business and engineering, as well as entrepreneurial opportunities.



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
<b>COURSEWORK</b>	<p>Take MATH 120A, CHEM 111&amp;L, MATH 140, ME 101, ENG 111, ME 220</p> <p>Meet with your ETM advisor every year in Fall and Winter semesters to plan for classes</p>	<p>Take MATH 161, ECON 235, PHY 211&amp;L, ECE 216&amp;L, ECE 235&amp;L</p> <p>Build strong foundation skills in Math and Physics</p>	<p>Take upper division courses</p> <p>Evaluate ETM-497 project options</p> <p>Make plans for how to complete the Gen Ed classes you still need</p>	<p>Complete required courses and choose electives to enhance your skills</p> <p>Take ETM 497 senior research project</p>
<b>GLOBAL VIEWS</b>	<p>Attend International Food Festival</p> <p>Attend Engineering and campus-wide symposia</p>	<p>Attend the Study Abroad Fair and consider the options and opportunities for learning more about other cultures</p> <p>Look for design competitions or challenge competitions through student clubs</p>	<p>Participate in competitions like Cardinal Formula Racing, casting competition, and FIRST Robotics</p> <p>Attend Engineering and UGRP Symposia</p>	<p>Continue to participate in International events on campus</p> <p>Present your ideas at Engineering competitions and symposia</p>
<b>COMMUNITY ENGAGEMENT</b>	<p>Volunteer for events like FIRST Robotics, Math Olympics, and Science Bowl</p> <p>Inquire about community outreach and community-based research</p>	<p>Participate in volunteer activities with ASQ, SWE, ASME, AFS, and other engineering student organizations</p>	<p>Present your project work at a local conference or in a campus-wide symposium</p>	<p>Volunteer to share what you've learned in ETM courses at area schools through clubs like ASQ, SWE, ASME, AFS, etc</p>
<b>CAMPUS ENGAGEMENT</b>	<p>Learn about opportunities with student organizations (Cardinal Formula Racing, ASQ, ASME, AFS, SWE, Robotics)</p>	<p>Join in a student organization that matches your interests</p> <p>Talk with professors about research project opportunities</p>	<p>Do research and interact with clubs on campus</p> <p>Apply for UGRP funding to present your research work</p>	<p>Seek leadership positions in your groups</p>
<b>CAREER PREPARATION</b>	<p>Explore Co-op opportunities through Career Services</p> <p>Participate in career fairs every semester</p>	<p>Apply for Undergraduate Research Program (UGRP) funding</p> <p>Visit Career Services for help with your resume</p>	<p>Look into graduate school application requirements and deadlines — if applying, take the GRE</p>	<p>Ask early for recommendation letters and complete graduate school applications</p>