

THE CARDINAL PLAN FOR: **MECHANICAL ENGINEERING**

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
COURSEWORK	<p>Take CHEM 111, MATH 161, ME 101, PHYS 211</p> <p>Meet with your ME advisor in Fall and Winter semesters to plan for classes</p>	<p>Take ME 250, ME 251 and ME 311</p> <p>Build strong foundation skills in Math and Physics</p> <p>Continue meeting with your ME advisor to plan</p>	<p>Take upper division courses</p> <p>Make plans for how to complete the Gen Ed classes you still need</p>	<p>Finish required courses and look into electives</p>
GLOBAL VIEWS	<p>Go to the International Food Fair in October</p> <p>Attend Engineering and UGRP 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, NASA Robotics, ASME Design Challenge, and Casting Competition</p>	<p>Continue to participate and present your designs at the competitions and symposia</p>
COMMUNITY ENGAGEMENT	<p>Volunteer for events like FIRST Robotics, Math Olympics, and Science Bowl</p> <p>Discover 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 research at a local conference or a campus symposium</p>	<p>Volunteer to share what you've learned in ME at area schools through groups like Cardinal Racing, ASME, AFS, and SWE</p>
CAMPUS ENGAGEMENT	<p>Get to know various student organizations like Cardinal Formula Racing, ASME, AFS, SWE, and Robotics</p>	<p>Join in a student organization that matches your interests</p> <p>Talk with professors about research projects</p>	<p>Do research and interact with clubs</p> <p>Apply for UGRP funding to present your research work</p>	<p>Seek leadership positions in your groups</p>
CAREER PREPARATION	<p>Explore Co-op opportunities through Career Services</p> <p>Participate in career fairs every semester</p>	<p>Explore Co-op/Internship opportunities</p> <p>Participate in mock interviews through Career Services</p> <p>Apply for UGRP funding</p>	<p>Obtain a co-op/internship</p> <p>Look into graduate school application requirements and deadlines. If applying, take the GRE</p>	<p>Update resume and apply for jobs or take GRE and apply to graduate schools</p>

A plan for a successful college experience.

BEYOND GRADUATION

Look for career opportunities at companies like General Motors, Ford Motor Company, Nexteer Automotive, Dow Chemical Company, Hemlock Semiconductor, Duro Last, Fullerton Tool, Amigo, Huhtamaki etc.

Pursue PE License

Apply for graduate school in Engineering

BSME program at SVSU is ABET accredited by Engineering Accreditation Commission. Visit abet.org for more details

