THE CARDINAL PLAN FOR: ELECTRICAL ENGINEERING

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
COURSEWORK	Take foundation Math classes (MATH 120/MATH 140) and relevant ECE courses Utilize the library, tutoring and writing center Meet with your EE advisor to plan your classes	Take relevant Math and complete 200-level ECE courses Follow-up with EE advisor	Take upper division ECE courses and general education classes Discuss possible capstone projects with EE advisor Declare a minor, if interested	Complete required courses, general education and elective classes Review degree audit with EE advisor and apply for graduation
GLOBAL VIEWS	Embrace cultural diversity and inclusion of students from different cultures Go to the International Food Festival in the Fall	Attend the Study Abroad Fair Learn more about the Roberts Fellowship Program	Apply for the Roberts Fellowship Program Attend study abroad programs during spring or summer	Submit your research findings at a national IEEE, ACM, or ASEE conference or publish in a journal Apply for a UGRP travel grant to present your research
COMMUNITY ENGAGEMENT	Explore opportunities to volunteer as a STEM Ambassador and join the Robotics Club Participate in Relay for Life or other on-campus events	Participate in STEM@SVSU and student volunteering opportunities with RSOs like IEEE, SWE, and Robotics Volunteer at a school and inspire young minds (K-12)	Present your research idea at the SE&T Colloquium and university-wide symposium Mentor incoming freshmen and contribute tutoring hours at the library	Volunteer to share your knowledge through student workshops on campus Support and engage through SVSU Connect
CAMPUS ENGAGEMENT	Get involved in IEEE and SWE student chapters Participate in the Red Pride Picnic Celebrate at Coop's Birthday Party	Speak with a professor about faculty-led research opportunities Attend an RSO leadership conference	Apply for leadership positions in IEEE, SA, and SWE Apply for a Michigan Space Grant or SVSU UGRP grant Become involved in recruiting events like the Open House	Plan and coordinate IEEE and SWE student activities Participate in *Dinner with 50* and get to know your alumni
CAREER PREPARATION	Attend Career Services events such as Resume Workshop and Dinning Etiquette Consider on-campus job opportunities	Attend local and national conferences with professional development grants through your RSOs Attend Employment Fairs Apply for Co-ops/Internships through Career Services	Look into graduate school application requirements and deadlines. If applying, take the GRE Prepare for NCEES Principles and Practice of Engineering (PE) Examination	Discuss your career and educational goals with your EE advisor Request recommendation letters and complete applications for graduate school and or jobs

SVSU SAGINAW VALLEY STATE UNIVERSITY

A plan for a successful college experience.

BEYOND GRADUATION

Job Opportunities: Embedded software engineer, Systems Engineer, Quality Engineer

Industries: Consumers Energy, General Motors, Halla Mechatronics, Nexteer Automotive, The Dow Chemical Company, Wineman Technology Inc.

Graduate Programs: Entrepreneurship, Electrical Engineering specialization: Intelligent Systems, Nanotechnology, Robotics Engineering