Study Plan for B.S.E., INTERDISCIPLINARY ENGINEERING & Renewable Energy emphasis							(Windmill/Alternative Cars Track)				Student Name:					
(2019-20 Catalog) (MTH 201 Placement - 5 Year Program)				Minor:					Student II	Student ID G						
1st Year	* WRT 150 Writ Strategies	still Grade 4	Semester Completed	2nd Semester * MTH 202 * CHM 115 * EGR 107 GE - Arts	Calculus II Chemistry I Intro to Egr Design II	5 4 4 Credits	Grade	Semester Completed 		Semester:	S/S		Credits	Grade	Semester Completed	
2nd Year	* STA 220 Statistical Modeling * EGR 220 Measure/Data Analysis	Signature Grade 4	Semester Completed	4th Semester * MTH 302 * PHY 230 * EGR 226	: Winter Lin Alg & DEQ Physics I MicroCtrl Pgm Appl	sipo 4 5 4	Grade	Semester Completed 		Semester:	S/S		Credits	Grade	Semester Completed	
3rd Year +	* EGR 214 Circuit Analysis I * EGR 209 Mech & Mach	Sequence of the second	Semester Completed	6th Semester * EGR 309 * EGR 250 ~ EGR 312 • GE SBS/US	: Winter Machine Design I Materials Dynamics 5 (SOC 105)	Credits 2	Grade	Semester Completed		Semester: EGR	S/S 290	Engrg Co-op I	U Credits	Grade	Semester Completed	
4th Year	7th Semester: Fall	Sippo Grade 4 4 4	Semester Completed	Semester: W EGR 390 # IE Elec	inter Engrg Co-op II (sws) (EGR 450)	to Credits	Grade	Semester Completed		8th Semes & EGR ~ EGR @ GE GE	ter: S/S 362 or IE Elective 365 P & L GP	Fluids (PHI 102)	4 4	Grade	Semester Completed 	
5th Year		Grade Grade 3 3 3 3 3 3 3 3 3 3	Semester Completed	9th Semester EGR 485 ^ EGR 406 EGR 413 # IE Elec ^ GEO 360	: Winter Sr Project I Renewable Energy Matls Energy Storage (EGR 465) Earth Resources	1 3 4 3	Grade	Semester Completed 		10th Semo EGR # IE	ester: S/S 486 Elec.	Sr Project II (EGR 405)	Credits	Grade	Semester Completed 	
*	Engineering Foundation course					Electives	Credits		Title	Semester	Course Prerequisites	Energy Focus	1			
	% ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd requirement.						-					Windmill, Alternative	1			
+							4	Kinematics and Materials Failu	•	Fall Summer	EGR 312 EGR 250	Cars Cars	1			
•							4		g Control Systems	Winter	EGR 345 or 346	Windmill	1			
@							4	Computationa	I Fluid Dynamics	Winter	EGR 365	Windmill	1			
%							3	Math Modelin	g of Phys Sys	Winter	MTH 302	All	l			
&	Emphasis required general education course. Please check semester availability ASAP!															
\$	IE required course Systems and Control (must take EGR 345 or EGR 346)															
~ #	IE Prerequiste course for upper-level elective A total of four electives is required. Please se		or ASAP to select elective	s												
π	•	e a faculty advis														
Secon	ndary Admissions Criteria: PA of 2.7 or above in the Engineering Foundat	ion courses														

- A GPA of 2.7 or above in the Engineering Foundation courses - Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, with no more than one repeat per Foundations course - Completion of preparation for placement in the cooperative engineering education, EGR 289 Recommendation: It is strongly encouraged that students do not begin or break a curriculum thread by taking courses at other institutions; e.g., take the MTH 201 equivalent elsewhere, return to GV and continue in the math thread with MTH 202.