UNIVERSITY OF THE DISTRICT OF COLUMBIA
SCHOOL OF ENGINEERING AND APPLIED SCIENCES
Department of Electrical and Computer Engineering
OFFICIAL ADVISORY FORM (Starting Fall 2021)

Program   <u>Computer Engineering</u>
Name of Student _____   Student ID # _____
Name of Advisor _____   Room # _____

First Semester				Second Semester			
Course #	Subject	Credits	Grade	Course #	Subject	Credits	Grade
IGED 110	Found. Writing I	3		IGED 111	Found. Writing II	3	
CHEM 111	General Chemistry I Lec.	3		MATH 152	Calculus II Lec.	3	
CHEM 113	General Chemistry I Lab	1		MATH 156	Calculus II Lab	1	
MATH 151	Calculus I Lec.	3		PHYS 201	University Physics I Lec.	3	
MATH 155	Calculus I Lab	1		PHYS 205	University Physics I Lab	1	
CCEN 101	Intro. to Engineering	2		APCT 231	Intro. to Comp. Sci. I Lec	3	
IGED 130	Found. Oral Comm.	3		APCT 233	Intro. to Comp. Sci. I Lab	1	
TOTAL CREDITS		**16**		**TOTAL CREDITS**		**15**	

Third Semester				Fourth Semester			
Course #	Subject	Credits	Grade	Course #	Subject	Credits	Grade
IGED 210	Discovery Writing	3		IGED 140	Foundation Ethics	3	
MATH 220	Discrete Mathematics	3		MATH 260	Diff. Eq. with Linear Alg.	4	
PHYS 202	University Physics II Lec.	3		CSCI 241	Data Structure	3	
PHYS 206	University Physics II Lab	1		ELEC 358	Dig. &Ana. Electr. Lec.	3	
APCT 232	Intro. to Comp. Sci. II Lec	3		ELEC 359	Dig. &Ana. Electr. Lab	1	
APCT 234	Intro. to Comp. Sci. II Lab	1		ELEC 360	Emb. Pro Sys Design	3	
ELEC 225	Electrical Circuits Lec.	3					
ELEC 226	Electrical Circuits Lab	1					
TOTAL CREDITS		**18**		**TOTAL CREDITS**		**17**	

Fifth Semester				Sixth Semester			
Course #	Subject	Credits	Grade	Course #	Subject	Credits	Grade
ELEC 301	Engineering Mathematics	3		ELEC 371	Signals and Systems Lec.	3	
CSCI 341	Software Engineering	3		ELEC 374	Signals and Systems Lab	1	
ELEC 315	Comp. Organization Lec.	3		ELEC 307	Prob. and Stat. for Eng.	3	
ELEC 316	Comp. Organization Lab	1		ELEC 480	Dig. Design & Synth. Lec.	3	
????	Programming Language for Engineers II (Python)	2		ELEC 483	Dig. Design & Synth. Lab	1	
				CSCI xxx	CS Elective***	3	
IGED 270	Discovery Diversity	3		IGED 280	Discovery Civics	3	
TOTAL CREDITS		**15**		**TOTAL CREDITS**		**17**	

Seventh Semester				Eighth Semester			
Course #	Subject	Credits	Grade	Course #	Subject	Credits	Grade
ELEC 478	Dig. Int. Cir. Des. Lec.	3		ELEC 459	Dig. Comp. Arch. & Design	3	
ELEC 479	Dig. Int. Cir. Des. Lab	1		CSCI 412	Operating System	3	
ELEC 431	Cyber Physical Sys. Lec.	3		ELEC 492	Senior Project II (Capst.)*	3	
ELEC 432	Cyber Physical Sys. Lab	1		ELEC xxx	Elec. Eng. Electives**	3	
ELEC 491	Senior Project I (Capst.)*	3					
ELEC xxx	Elec. Eng. Electives**	4		MECH 406	Engineering Economics	3	
TOTAL CREDITS		**15**		**TOTAL CREDITS**		**15**	

TOTAL CREDITS   **128**