UNIVERSITY OF THE DISTRICT OF COLUMBIA
SCHOOL OF ENGINEERING AND APPLIED SCIENCES
Department of Electrical and Computer Engineering
OFFICIAL ADVISORY FORM

Program   ELECTRICAL ENGINEERING   (OPTION: Computer Engineering)

Name of Student _____ Student ID # _____

Name of Advisor _____ Room # _____

First Semester

Course #	Subject	Credits	Grade
IGED 110	Found. Writing I	3	
CHEM 111	General Chemistry I Lec.	3	
CHEM 113	General Chemistry I Lab	1	
MATH 151	Calculus I Lec.	3	
MATH 155	Calculus I Lab	1	
CCEN 101	Intro. to Elec. & Comp Eng.	2	
IGED 130	Found. Oral Comm.	3	
TOTAL CREDITS		16	

Second Semester

Course #	Subject	Credits	Grade
IGED 111	Found. Writing II	3	
MATH 152	Calculus II Lec.	3	
MATH 156	Calculus II Lab	1	
PHYS 201	University Physics I Lec	3	
PHYS 205	University Physics I Lab	1	
ACCT 231	Intro. to Comp. Sci. I Lec	3	
ACCT 233	Intro. to Comp. Sci. I Lab	1	
TOTAL CREDITS		15	

Third Semester

Course #	Subject	Credits	Grade
IGED 210	Discovery Writing	3	
MATH 220	Discrete Mathematics	3	
PHYS 202	University Physics II Lec	3	
PHYS 206	University Physics II Lab	1	
CVEN 201	Engineering Mechanics I	3	
ELEC 221	Electrical Circuits I Lec.	3	
ELEC 223	Electrical Circuits I Lab	1	
TOTAL CREDITS		17	

Fourth Semester

Course #	Subject	Credits	Grade
IGED 140	Foundation Ethics	3	
MATH 260	Diff. Eq. with Linear Alg.	4	
ACCT 232	Intro. to Comp. Sci. II Lec	3	
ACCT 234	Intro. to Comp. Sci. II Lab	1	
ELEC 301	Engineering Mathematics	3	
ELEC 222	Electrical Circuits II Lec.	3	
ELEC 224	Electrical Circuits II Lab	1	
TOTAL CREDITS		18	

Fifth Semester

Course #	Subject	Credits	Grade
ELEC 311	Comp. Organization I Lec.	3	
ELEC 313	Comp. Organization I Lab	1	
ELEC 351	Electronics I Lec.	3	
ELEC 353	Electronics I Lab	1	
CSCI 251	Assemblers and Sys. Lec	3	
CSCI 253	Assemblers and Sys. Lab	1	
IGED 270	Cultural Diversity	3	
TOTAL CREDITS		15	

Sixth Semester

Course #	Subject	Credits	Grade
ELEC 312	Comp. Org. II Lec.	3	
ELEC 314	Comp. Org. II Lab	1	
ELEC 352	Electronics II Lec.	3	
ELEC 354	Electronics II Lab	1	
ELEC 307	Prob. and Stat. for Eng.	3	
ELEC 371	Signals and Systems Lec.	3	
ELEC 374	Signals and Systems Lab	1	
IGED 280	Discovery Civics	3	
TOTAL CREDITS		18	

Seventh Semester

Course #	Subject	Credits	Grade
ELEC 467	Fund. of Comm. Lec	3	
ELEC 476	Fund. of Comm. Lab	1	
ELEC 478	Dig. Int. Cir. Des. Lec	3	
ELEC 479	Dig. Int. Cir. Des. Lab	1	
ELEC 480	Dig. Design & Synth. Lec.	2	
ELEC 483	Dig. Design & Synth. Lab	1	
ELEC 495	Senior Project I (Capst.)*	3	
TOTAL CREDITS		14	

Eighth Semester

Course #	Subject	Credits	Grade
ELEC 459	Dig. Comp. Arch. & Design	3	
ELEC 496	Senior Project II (Capst.)*	3	
ELEC xxx	Elec. Eng. Electives**	3	
CSCI xxx	CS Elective***	3	
MECH 406	Engineering Economics	3	
TOTAL CREDITS		15	

TOTAL CREDITS

128

*Contains intensive writing component

** Electrical Engineering Electives (most current): ELEC410, ELEC420, ELEC 458, ELEC 469/473, ELEC 470/477, ELEC 471, ELEC 471, ELEC 474, ELEC 463, ELEC 461/462, MECH 487, MECH 478 MECH 461, or equivalent.

***Computer Science Electives: To be selected from Operating Systems, Digital Image Processing, Networking, or equivalent

A completed copy of this form must accompany each student's Graduation Clearance Form