

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

Program **ELECTRICAL ENGINEERING**

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 Elec. & Comp Eng | 2 | | ACCT 231 | Intro. to Comp. Sci. I Lec | 3 | |
| IGED 130 | Found. Oral Communications | 3 | | ACCT 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 | |
| PHYS 202 | University Physics II Lec | 3 | | MATH 260 | Differential Eq. with Linear Alg. | 4 | |
| PHYS 206 | University Physics II Lab | 1 | | PHYS 203 | University Physics III Lec | 3 | |
| CVEN 201 | Engineering Mechanics I | 3 | | PHYS 207 | University Physics III Lab | 1 | |
| ELEC 221 | Electrical Circuits I Lec. | 3 | | ELEC 222 | Electrical Circuits II Lec. | 3 | |
| ELEC 223 | Electrical Circuits I Lab | 1 | | ELEC 224 | Electrical Circuits II Lab | 1 | |
| TOTAL CREDITS | | 14 | | TOTAL CREDITS | | 15 | |

| Fifth Semester | | | | Sixth Semester | | | |
|----------------------|---------------------------|---------|-------|----------------------|--------------------------|---------|-------|
| Course # | Subject | Credits | Grade | Course # | Subject | Credits | Grade |
| ELEC 301 | Engineering Mathematics | 3 | | ELEC 312 | Comp. Org. II Lec. | 3 | |
| ELEC 311 | Comp. Organization I Lec. | 3 | | ELEC 314 | Comp. Org. II Lab | 1 | |
| ELEC 313 | Comp. Organization I Lab | 1 | | ELEC 352 | Electronics II Lec. | 3 | |
| ELEC 351 | Electronics I Lec. | 3 | | ELEC 354 | Electronics II Lab | 1 | |
| ELEC 353 | Electronics I Lab | 1 | | ELEC 307 | Prob. and Stat. for Eng. | 3 | |
| ELEC 356 | Physical Electronics | 3 | | ELEC 371 | Signals and Systems Lec. | 3 | |
| ELEC 361 | Electromagnetic Theory | 3 | | ELEC 374 | Signals and Systems Lab | 1 | |
| TOTAL CREDITS | | 17 | | IGED 280 | Discovery Civics | 3 | |
| TOTAL CREDITS | | | | TOTAL CREDITS | | 18 | |

| Seventh Semester | | | | Eighth Semester | | | |
|----------------------|----------------------------|---------|-------|----------------------|-----------------------------|---------|-------|
| Course # | Subject | Credits | Grade | Course # | Subject | Credits | Grade |
| ELEC 467 | Fund. of Comm. Lec | 3 | | IGED 270 | Discovery Diversity | 3 | |
| ELEC 476 | Fund. of Comm. Lab | 1 | | ELEC 496 | Senior Project II (Capst.)* | 3 | |
| ELEC 470 | Control Sys. & Appl. Lec. | 3 | | ELEC xxx | Electrical Eng. Elective** | 6 | |
| ELEC 477 | Control Sys. & Appl. Lab | 1 | | MECH 406 | Engineering Economics | 3 | |
| ELEC 495 | Senior Project I (Capst.)* | 3 | | | | | |
| ELEC xxx | Electrical Eng. Elective** | 7 | | | | | |
| TOTAL CREDITS | | 18 | | TOTAL CREDITS | | 15 | |

TOTAL CREDITS

128

*Will contain intensive writing component

**Electrical Engineering Electives (most current) : ELEC410, ELEC420, ELEC 458, ELEC 469/473, ELEC 471, ELEC 474, ELEC 478/479, ELEC 480/483, ELEC 463, ELEC 461/462, MECH 487, MECH 478, MECH 461 or equivalent.

NOTE: The EE electives selected must have at least one lab course.

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