

ELECTRICAL ENGINEERING

Sample Three-Year Schedule

Required prerequisite(s) indicated in parentheses & notes

Must earn at least a grade of "C" in each course above except for most University Core courses.

YEAR ONE

FALL

CSCE 1030, Computer Science 1 (MATH 1650)	4
PHYS 2220, E. & M. (MATH 1720, PHYS 1710, 1730)	3
PHYS 2240, E. & M. Lab (MATH 1720, PHYS 1710, 1730)	1
MATH 2730, Multivariable Calculus (MATH 1720)	3
EENG 2610, Circ. (MATH 1720, coreq PHYS 2220, 2240)	3
EENG 2611, Circ. Lab (coreq EENG 2610)	<u>1</u>
Total Hours	15

SPRING

TECM 2700, Tech. Writing (Communication Core)	3
EENG 2920, Analog Circ. Des. (EENG 2610, 2611)	3
EENG 2620, Signals & Sys. (EENG 2610, 2611, MATH 2730)	3
EENG 2621, Signals & Sys. Lab (coreq EENG 2620)	1
EENG 2710, Digital Logic Design	3
EENG 2711, Digital Logic Design Lab (coreq EENG 2710)	<u>1</u>
Total Hours	14

YEAR TWO

FALL

MATH 2700, Linear Algebra (MATH 1720)	3
MATH 3410, Diff. Equ. (MATH 1720 coreq MATH 2700)	3
EENG 3510, Electronics I (EENG 2610, 2611)	3
EENG 3511, Electronics I Lab (coreq EENG 3510)	1
EENG 3910, DSP System Design (EENG 2620, 2621)	<u>3</u>
Total Hours	13

SPRING

EENG 3520, Electronics II (EENG 3510, 3511)	3
EENG 3710, Comp. Org. (EENG 2710, 2711, CSCE 1030)	3
EENG 3810, Comm. Sys. (EENG 2620, 3510, MATH 3680)	3
EENG 3811, Comm. Sys. Lab (coreq EENG 3810)	1
EENG 3920, Modern Comm. Sys. (coreq EENG 3520)	3
MATH 3680, Statistics (MATH 1710, coreq MATH 1720)	<u>3</u>
Total Hours	16

YEAR THREE

FALL

EENG 3410, Electromag. (EENG 2610, 2611, MATH 3410)	3
EENG 3411, Electromag. Lab (coreq EENG 3410)	1
EENG Elective (see note 1)	3
EENG Elective (see note 1)	3
EENG 4910, Senior Design I (EENG 3810, 3811, 3910, 3920)	3
OPSM 3830, Operations Management	<u>3</u>
Total Hours	16

SPRING

EENG Elective (see note 1)	3
EENG Elective (see note 1)	3
EENG 4990, Senior Design II (EENG 4910)	3
MGMT 3850, Entrepreneurship	<u>3</u>
Total Hours	12

Notes:

Note 1: Must complete prerequisite(s) for each EENG Elective course.

Must earn at least a grade of "C" and a minimum 2.5 GPA in Communications Core, TECM 2700, MATH 1710, MATH 1720, PHYS 1710, PHYS 1730, EENG 1910 & EENG 2610 as foundations to enroll in advanced courses.

Credits Which Could be Earned Prior to Enrollment at UNT – AP, IB, CLEP, DC, Transfer:

Communications Core	TECM 2700
HIST 2610	CHEM 1410, 1430
HIST 2620	
PSCI 2305	
PSCI 2306	
Creative Arts Core	
Language Philosophy Culture Core	
Social Behavioral Sciences Core	

Credits Which Should be Earned Prior to Enrollment at UNT – AP, IB, CLEP, DC, Transfer:

MATH 1710
MATH 1720
PHYS 1710, 1730
ENGR 1201 (EENG 1910)

This is an unofficial sample schedule. Requirements, prerequisites, etc. may change. Students should meet with an advisor each semester for individual scheduling, program decisions, etc. Engineering admissions requirements must be met & a degree audit must be created in order to progress in the program to a timely graduation.