

Electrical Engineering

Year One - Tarrant County College

FALL		SPRING		
MATH 2413, Calculus I*	4	MATH 2414, Calculus II*	4	
CHEM 1411, General Chemistry I	4	PHYS 2425, University Physics I*	4	
ENGL 1301, Composition I	3	ENGL 2311, Technical & Business Writing	3	
ENGR 1201, Introduction to Engineering	3	History Core Course	3	
History Core Course	3	Creative Arts Core Course	3	
Total Hours		17	Total Hours	
		17		

Year Two - Tarrant County College

FALL		SPRING		
MATH 2415, Calculus III*	4	MATH 2320 or 2420, Differential Equations*	3	
MATH 2318, Linear Algebra	3	ENGR 2305/2105, Circuit Analysis*	4	
PHYS 2426, University Physics II*	4	COSC 1436, Programming Fundamentals I, or COSC 1420, C Programming I*	4	
Government / Political Science Core Course	3	Government / Political Science Core Course	3	
Language Philosophy Culture Core Course	3	Total Hours		
Total Hours		17	14	

Meet with the UNT CENG recruiter at the start of Spring semester and apply to UNT.

Year Three - UNT

FALL		SPRING		
EENG 2710, Digital Logic Design	3	EENG 3410, Electromagnetics	3	
EENG 2711, Digital Logic Design Lab	1	EENG 3411, Electromagnetics Lab	1	
EENG 2620, Signals & Systems	3	EENG 3510, Electronics I	3	
EENG 2621, Signals & Systems Lab	1	EENG 3511, Electronics I Lab	1	
EENG 2920, Analog Circuit Design	3	EENG 3710, Computer Organization	3	
MATH 3680, Applied Stats	3	EENG 3910, DSP System Design	3	
Total Hours		14	Total Hours	
		14		

Year Four - UNT

FALL		SPRING		
EENG 3520, Electronics II	3	EENG 4910, Senior Design I	3	
EENG 3810, Communications Systems	3	EENG 4*** Elective	3	
EENG 3811, Communications Systems Lab	1	EENG 4*** Elective	3	
EENG 3920, Modern Comm. Systems Design	3	MGMT 3850, Entrepreneurship	3	
OPSM 3830, Operations Management	3	Total Hours		
Total Hours		13	12	

Year Five - UNT

FALL	
EENG 4990, Senior Design II	3
EENG 4*** Elective	3
EENG 4*** Elective	3
Social Behavioral Science Core Course	3
Total Hours	
12	

Black = Tarrant County College

*** = EE Field of Study**

Green = UNT

Total Degree Hours 130