

Electrical Engineering

Year One - North Central Texas College

FALL		SPRING		
MATH 1314, College Algebra	3	MATH 2412, Pre-Calculus Math	4	
ENGL 1301, Composition I	3	ENGL 2311, Technical Writing	3	
Creative Arts Core Course	3	COSC 1436, Programming Fundamentals I	4	
Social Behavioral Science Core Course	3	Government / Political Science Core Course	3	
Total Hours		12		
		Total Hours		14

Year Two - North Central Texas 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	
History Core Course	3	History Core Course	3	
Language Philosophy Culture Core Course	3	Government / Political Science Core Course	3	
Total Hours		14		
		Total Hours		14

Year Three - Concurrent Enrollment

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

FALL		SPRING		
MATH 2415, Calculus III*	4	EENG 2710, Digital Logic Design	3	
PHYS 2426, University Physics II*	4	EENG 2711, Digital Logic Design Lab	1	
EENG 2610, Circuit Analysis*	3	MATH 2700, Linear Algebra	3	
EENG 2611, Circuit Analysis lab*	1	EENG 2620, Signals & Systems	3	
MATH 3410, Differential Equations*	3	EENG 2621, Signals & Systems Lab	1	
Total Hours		15		
		Total Hours		14

Year Four- UNT

FALL		SPRING		
EENG 3410, Electromagnetics	3	EENG 3520, Electronics II	3	
EENG 3411, Electromagnetics Lab	1	EENG 3810, Communications Systems	3	
EENG 3510, Electronics I	3	EENG 3811, Communications Systems Lab	1	
EENG 3511, Electronics I Lab	1	EENG 3920, Modern Comm. Systems Design	3	
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		16

Year Five - UNT

FALL		SPRING		
EENG 4910, Senior Design I	3	EENG 4990, Senior Design II	3	
EENG 4*** Elective	3	EENG 4*** Elective	3	
EENG 4*** Elective	3	EENG 4*** Elective	3	
OPSM 3830, Operations Management	3	MGMT 3850, Entrepreneurship	3	
Total Hours		12		
		Total Hours		12

Black = North Central Texas College

* = EE Field of Study

Green = UNT

Total Degree Hours **137**