

Electrical Engineering

Year One - 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
ENGL 1301, Composition I	3	ENGL 2311, Technical Writing	3
History Core Course	3	History Core Course	3
Language Philosophy Culture Core Course	3	Government / Political Science Core Course	3
Total Hours		17	

Year Two - Concurrent Enrollment

FALL		SPRING	
MATH 2415, Calculus III*	4	COSC 1436, Programming Fundamentals I	4
PHYS 2426, University Physics II*	4	EENG 2610, Circuit Analysis*	3
Government / Political Science Core Course	3	EENG 2611, Circuit Analysis lab*	1
Creative Arts Core Course	3	MATH 2700, Linear Algebra	3
Social Behavioral Science Core Course	3	MATH 3410, Differential Equations*	3
Total Hours		17	
		Total Hours	
		17	

Meet with the UNT CENG recruiter at the start of Fall 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		12	
		Total Hours	
		13	

Year Five - UNT

FALL	
EENG 4990, Senior Design II	3
EENG 4*** Elective	3
EENG 4*** Elective	3
Total Hours	
9	

Black = North Central Texas College

* = EE Field of Study

Green = UNT

Total Degree Hours **130**