Mechanical and Energy Engineering

Year One - DCCCD

FALL		SPRING	
MATH 2413, Calculus I*	4	MATH 2414, Calculus II*	4
CHEM 1411, General Chemistry I, or CHEM 1409, General Chemistry for Engineering Majors*	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**

SUMMER	
Government / Political Science Core Course	3
Language Philosophy Culture Core Course	3
Total Hours	**6**

Year Two - DCCCD

FALL		SPRING	
MATH 2318, Linear Algebra	3	MATH 2415, Calculus III*	3
PHYS 2426, University Physics II*	4	MATH 2320, Differential Equations*	3
ENGR 1304, Engineering Graphics	3	ENGR 2302, Mechanics II	3
ENGR 2305, Electrical Circuits*	3	ENGR 2332, Mechanics III	3
ENGR 2301, Mechanics I	3	Social Behavioral Science Core Course	3
Total Hours	**16**	**Total Hours**	**15**

SUMMER	
Government / Political Science Core Course	3
Total Hours	**3**

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

Year Three - UNT

FALL		SPRING	
MEEN 2110, Engineering Data Analysis	3	MEEN 3110, Thermodynamics II	3
MEEN 2210, Thermodynamics I	3	MEEN 3120, Fluid Mechanics	3
MEEN 2240 Programming for Mech. Eng.	3	MEEN 3130, Machine Elements	3
MTSE 3000, Fundamentals I	3	MEEN 3240, Laboratory I	2
MTSE 3003, Fundamentals I Lab	1	MEEN 3250, Analytical Methods	3
Total Hours	**13**	**Total Hours**	**14**

SUMMER	
MEEN 3210, Heat Transfer	3
MEEN 3230, System Dynamics and Controls	3
Total Hours	**6**

Year Four - UNT

FALL		SPRING	
MEEN 3100 Manufacturing Process	3	MEEN 4250 Capstone Design	3
MEEN 3242, Laboratory II	1	Energy Engineering Elective	3
MEEN 4150 Design I	3	Technical Elective	3
Technical Elective	3	**Total Hours**	**9**
Energy Engineering Elective	3		
Total Hours	**13**		

Black = DCCCD

*** = ME Field of Study**

Green = UNT

Total Degree Hours **129**