

Mechanical Engineering Technology

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 1310, Composition I	3	ENGL 2311, Technical Writing*	3
ENGR 1201, Intro to Engineering	3	History Core Course	3
ENGR 1304, Engineering Graphics	3	Creative Arts Core Course	3
Total Hours		17	Total Hours
			17

SUMMER	
Government / Political Science Core Course	3
Social Behavioral Science Core Course	3
Total Hours	6

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



Year Two - Concurrent Enrollment

FALL		SPRING	
COSC 1436, Prog. Fundamentals I	4	PHYS 2426, University Physics II*	4
History Core Course	3	Government / Political Science Core Course	3
Language Philosophy Culture Core Course	3	ENGR 2302, Engineering Mechanics II	3
ENGR 2301, Engineering Mechanics I	3	ENGR 2332, Mechanics of Materials	3
ENGR 2405/2415, Electrical Circuits I	4		
Total Hours		17	Total Hours
			13

Year Three - UNT

FALL		SPRING	
ENGR 3450, Materials	4	Technical Elective (consult UNT Advisor)	3
MEET 3940, Fluid Mechanics	3	MEET 3650, Design of Mech. Components	3
MEET 3990, Applied Thermodynamics	3	MFET 4190, Quality Assurance	3
MFET 3110, Machining Prin. And Processess	3	MFET 4210, CAD/CAM System Operations	3
Total Hours		13	Total Hours
			15

Year Four - UNT

FALL		SPRING	
Technical Elective (constult UNT Advisor)	3	Technical Elective (consult UNT advisor)	3
MEET 4350, Heat Transfer Applications	3	Technical Elective (consult UNT advisor)	3
MEET 4780, Senior Design I	1	MEET 4360, Experimental Thermal Sciences	3
MFET 4200, Engineering Cost Analysis	3	MEET 4790, Senior Design II	3
MEET 4050, Mechanical Design	3		
Total Hours		13	Total Hours
			12

Black = North Central Texas College

Green = UNT

Total Degree Hours

123