

Mechanical Engineering Technology

Year One - Collin Community College

FALL		SPRING	
MATH 1314 or MATH 1414, College Algebra	3	MATH 2412, Pre-Calculus Math(Technical Elective)	4
Government / Political Science Core Course	3	Social Behavioral Science Core Course	3
ENGR 1201, Intro to Engineering	2	History Core Course	3
History Core Course	3	ENGL 2311, Technical & Business Writing	3
ENGL 1310, Composition I	3		
	Total Hours		13
		Total Hours	14

Year Two - Collin Community 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
Language Philosophy Culture Core Course	3	Government / Political Science Core Course	3
ENGR 1304, Engineering Graphics	3	Creative Arts 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	
COSC 1436, Prog. Fundamentals I	4	PHYS 2426, University Physics II	4
ENGR 2301, Engineering Mechanics I	3	ENGR 2302, Engineering Mechanics II	3
ENGR 2305/2105, Electrical Circuits I	4	ENGR 2332, Mechanics of Materials	3
MFET 3110, Machining Prin. And Processes	3	MFET 4210, CAD/CAM System Operations	3
	Total Hours		13
		Total Hours	14

Year Four - 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
Technical Elective (consult UNT advisor)	3	ELET 3980, Digital Controls	3
	Total Hours		12
		Total Hours	13

Year Five - UNT

FALL		SPRING	
Technical Elective (constult UNT Advisor)	3	MEET 4360, Experimental Thermal Sciences	3
MEET 4350, Heat Transfer Applications	3	MEET 4790, Senior Design II	3
MEET 4780, Senior Design I	1		
MFET 4200, Engineering Cost Analysis	3		
		Total Hours	6

MEET 4050, Mechanical Design	3
Total Hours	13

Black = Collin Community College

Green = UNT

Total Degree Hours 126