

## Mechanical and Energy Engineering

### Year One - Eastern Oklahoma State College

FALL		SPRING		
MATH 2235, Calculus I	5	MATH 2245, Calculus II	5	
ENGL 1113, Freshman Composition I	3	POLSC 1113, American Federal Government	3	
HIST 1483, American History to 1877	3	HIST 1493, American History from 1877	3	
PSY 1113 OR SOC 1113, Intro to Psych or to Sociology	3	Creative Arts Core, see options below	3	
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>	
			<b>11</b>	

SUMMER	
Humanities	3
<b>Total Hours</b>	
<b>3</b>	

Creative Arts options  
 HUMAN 1133 Music in Life  
 HUMAN 1143 Art in Life  
 HUMAN 1163 Film Appreciation  
 HUMAN 2103 Theatre Appreciation

### Year Two - UNT

FALL		SPRING		
PHYS 1710, Mechanics	3	PHYS 2220, Electricity and Magnetism	3	
PHYS 1730, Mechanics Lab	1	PHYS 2240, Electricity and Magnetism Lab	1	
ENGR 1304, Engineering Graphics	3	EENG 2610, Electrical Circuits	3	
MEEN 1000, Discover Mech. And Energy	2	MEEN 2301, Mechanics I	3	
MATH 2730, Multivariable Calculus	3	MATH 2700, Linear Algebra	3	
TECM 2700, Technical Writing	3	MATH 2253, Differential Equations	3	
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>	
			<b>16</b>	

SUMMER	
MEEN 2302, Mechanics II	3
MEEN 2332, Mechanics III	3
<b>Total Hours</b>	
<b>6</b>	

### 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	
MEEN 3240, Laboratory I	2	MEEN 3242, Laboratory II	1	
CHEM 1410, General Chemistry	3	MEEN 3250, Analytical Methods	3	
CHEM 1430, General Chemistry Lab	1	MTSE 3000, Fundamentals I	3	
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>	
			<b>17</b>	
			<b>17</b>	

SUMMER	
MEEN 3210, Heat Transfer	3
MEEN 3230, System Dynamics and Controls	3
<b>Total Hours</b>	
<b>6</b>	

### Year Four - UNT

FALL		SPRING		
MEEN 3100, Manufacturing Process	3	MEEN 4250, Capstone Design	3	
MEEN 4150, Design I	3	Energy Engineering Elective	3	
Technical Elective	3	Energy Engineering Elective	3	
PSCI 2306, US & TX Constitutions & Institutions	3	Technical Elective	3	
<b>Total Hours</b>		<b>12</b>	<b>Total Hours</b>	
			<b>12</b>	

**Black = EOSC**  
**Green = UNT**