



**University of North Texas**  
**Master of Science in Engineering Management**  
**(Non-Thesis Option- 33 Hours)**

Student Name	UNT ID	Signature
Local Telephone	Email	Date

Program Coordinator: Rattaya Yalamanchili	Signature/Date
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Other Requirements	Expect to Complete Semester/Yr.	Comments
Leveling Course(s)		

- Course offerings vary from year to year and are based on enrollment and resources. The Advisor and the student are advised to tailor the degree plan based on course availability.
- At least 18 hours of coursework must be Mechanical Engineering Department Courses.
- Courses registered without Advisor’s approval or any unapproved deviations from the degree plan result in no credit toward degree requirements. **Student initials:** \_\_\_\_\_
- The responsibility for adhering to Graduate School, College and Departmental requirements rests entirely with the student. Application for graduation must be filed in the Graduate School Office before the deadline in force during the final semester. Consult the Toulouse Graduate School and the Graduate Catalog for further information <http://tsgs.unt.edu/>
- Advising website for Mechanical Engineering Department students <https://mechanical.engineering.unt.edu/graduate/advising>.

## M.S. in Engineering Management

General Engineering Management / Construction Management / Energy Management Concentrations (33 credit hours)

<b>Core courses (complete 15 credit hours)</b>		<b>Semester and Year</b>
MSET 5020 Design of Experiments (3)		
MSET 5050 Supervision of Projects in ET (Engineering Project Management) (3)		
MSET 5060 Technology Innovation (3)		
MSET 5130 Product Reliability and Quality (3)		
MSET 5280 Management in Human & Societal Development (3)		

<b>Concentration courses (complete 12 credit hours from one of the concentrations)</b>		<b>Semester and Year</b>
<b>General EM</b>	MSET 5030 Product Design and Development (3)	
	MEEN 5800.41 Entrepreneurship for Engineers (3)	
	MEEN 5800.043 Strategic Engineering Management (3)	
	MGMT 5140 Organizational Behavior and Analysis (3)	

<b>Construction Management</b>	MSET 5220 Building Information Modeling (3)	
	MSET 5200 Advanced Construction Scheduling (3)	
	MSET 5230 Risk Management in Construction (3)	
	MSET 5240 Heavy Civil Construction Management (3)	

<b>Energy Management</b>	MEEN 5240 Energy: A World Perspective (3)	
	MEEN 5000 Energy: The Fundamentals (3)	
	MEEN 5110 Renewable Energy (3)	
	MEEN 5800.045 Energy and Environmental Sustainability (3)	

<b>Elective courses (select 6 credit hours)</b>		<b>Semester and Year</b>
MEEN 5800.041 Entrepreneurship for Engineers (3) <i>(for Construction &amp; Energy Management)</i>		
MEEN 5800.043 Strategic Engineering Management (3) <i>(for Construction &amp; Energy Management)</i>		
MEEN 5520 Manufacturing Concepts for Mechanical Engineers (3)		
MEEN 5800.045 Engineering Ethics (3)		
OPSM 5850 Operations Management (3)		
LSCM 5830 Industrial Distribution and Logistics Management (3)		
OPSM 5840 Strategic Supply Management (3)		
ADTA 5120 Intro to Data Analytics (3)		
ADTA 5130 Data Analytics I (3)		
ADTA 5230 Data Analytics II (3)		
ACCT 5130 Accounting for Management (3)		
MKTG 5150 Marketing Management (3)		
MGMT 5870 Leadership Research and Development (3)		
MEEN 5890 Directed Study (3)		


<b>This Student is admitted to candidacy/approved by:</b>	
<b>Toulouse Graduate School</b>	<b>Signature/Date:</b>
<b>Name:</b>	