

University of North Texas
Master of Science in Engineering Technology
Degree Plan: Mechanical Systems (Course-Only Option – 33 hours)

Student Name	UNT ID	Signature
Local Telephone	Email	Date

Graduate Program Committee (GPC) Representative	Signature/Date
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Graduate Program Committee Chair: Seifollah Nasrazadani	Signature/Date
Department Chair: Herman Shen	Signature/Date

Other Requirements	Expect to Complete Semester/Yr.	Comments
English Proficiency		
Leveling Course(s)		

- Course offerings vary from year to year and are based on enrollment and resources. The GPC Representative and the student are advised to tailor the degree plan based on course availability.
- At least 18 hours of coursework must be Engineering Technology 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/>

MECHANICAL SYSTEMS COURSE-ONLY DEGREE PLAN (33 HOURS)

BLOCK A - 12 Hours	EXPECT TO COMPLETE SEMESTER / YR	COMMENTS
MSET 5020 Design of Experiments (3)		Offered Fall/Spring as needed
MSET 5040 Analytical Methods for ET (3)		Offered Fall/Spring as needed
MSET 5050 Project Supervision in ET (3)		Normally Fall/summer Offering
MSET 5130 Product Reliability and Quality (3)		Offered Fall/Spring as needed
BLOCK B – Select 18 Hours		
MSET 5150 Applications of Electron Microscopy and Failure Analysis (3)		Normally Spring Offerings
MSET 5160 Creep & Fatigue in Engineering Design & System Performance (3)		Normally Fall Offerings
MSET 5100 Nontraditional Manufacturing (3)		Normally Spring Offerings
MSET 5170 Thermal Management (3)		Normally Fall Offering
MSET 5140 Applied Engineering Vibration (3)		Normally Spring Offerings
MSET 5310 Industrial Process Control (3)		Normally Fall Offering
MSET 5180 Structural Dynamics (3)		Normally Spring Offerings
MSET 5800 Studies in Engineering Technology (1-3)		Offered in Fall/Spring
MGMT 5300 Entrepreneurship and Venture Management (3)		Normally Fall Offering
Graduate Elective (3)*		These courses (maximum of 2) may be taken with GPC rep. Approval
Graduate Elective (3)*		
BLOCK C – Capstone 3 hours		
MSET 5030 Product Design and Development (3)		Offered Fall/Spring as needed
* Graduate Elective List of recommended courses include: MEEN 5110, 5200, 5210; MTSC 5020, 5100, 5210		

Graduate elective, notes, or additional comments	Date

The student is admitted to candidacy/approved by:	
Toulouse Graduate School	
Name:	Signature / Date: