

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

Student Name	UNT ID	Signature
Local Telephone	Email	Date

Major Professor:	Signature/Date
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Graduate Program Committee Chair: Seifollah Nasrazadani	Signature/Date
Department Chair: Kuruvilla John	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 Major Professor 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 PROJECT DEGREE PLAN (33 HOURS)

BLOCK A - 9 Hours	EXPECT TO COMPLETE SEMESTER / YR	COMMENTS
MSET 5020 Design of Experiments (3)		Offered Fall/Spring as needed
MSET 5040 Analytical Methods in ET (3)		
MSET 5050 Project Supervision in ET (3)		
<b>BLOCK B – Select 18 hours</b>		Consult with Major Professor
MSET 5030 Product Design and Development (3)		Normally Fall Offerings
MSET 5150 Applications of Electron Microscopy and Failure Analysis (3)		
MSET 5160 Creep and Fatigue in Engineering Design and System Performance (3)		Normally Spring Offerings
MSET 5100 Nontraditional Manufacturing (3)		
MSET 5170 Thermal Management (3)		Normally Fall Offering
MSET 5140 Applied Engineering Vibration (3)		Normally Spring Offerings
MSET 5800 Studies In Engineering Systems (1-3)		Offered in Fall/Spring / Major Professor Approval Required
Graduate Elective (3)*		
<b>BLOCK C - 6 Hours</b>		
MSET 5930 Research Problems in Lieu of Thesis (3)		Major Professor Approval Required
One course from BLOCK B		
* Graduate Elective List of recommended courses include: MSET 5310; MEEN 5110, 5200, 5210; MTSC 5020, 5100, 5210		

Graduate Elective, notes, or additional comments	Date

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