

University of North Texas
Master of Science in Engineering Technology
Degree Plan: Electrical Systems (Thesis Option – 30 hours)

Student Name	UNT ID	Signature
Local Telephone	email	Date

Major Professor:		Signature/Date	
Committee Member*		Signature/Date	
Committee Member		Signature/Date	
Committee Member		Signature/Date	
Committee Member**		Signature/Date	

* 3 faculty members from ETEC

** The participation of an Industry Committee Member is strongly encouraged

Graduate Program Committee Chair: Seifollah Nasrazadani	Signature/Date	
Department Chair: Enrique Barbieri	Signature/Date	

Other Requirements	Expect to Complete Semester/Yr.	Notes
English Proficiency		
Leveling Course(s)		
Thesis Proposal Presentation		

- The Thesis Option requires strong academic standing, and 6 credits of MSET 5950 with a Major Professor. Typically, a student will enroll in MSET 5950 in two consecutive semesters (3 credits each) in the second year of the program. During the first 3 credits of MSET 5950, the student and Major Professor define a Thesis Proposal, and the student presents the Proposal to a faculty Thesis Committee for approval.
 - 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 may result in no credit toward degree requirements. **Student initials:** _____
 - The Thesis Proposal must be presented during the first semester the student is registered in MSET 5950. Consult with Major Professor. **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/>

ELECTRICAL SYSTEMS THESIS DEGREE PLAN (30 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)		Normally Fall Offering
BLOCK B – Select 15 hours		Consult with Major Professor
MSET 5300 Embedded Systems Organization (3)		Normally Fall Offerings
MSET 5310 Industrial Process Controls (3)		
MSET 5320 Intro to Telecom (3)		Normally Spring Offerings
MSET 5330 Instrumentation System Design (3)		
MSET 5340 Digital Logic Design Techniques (3)		
MSET 5800 Studies in ET (3)		Courses Offered in Fall/Spring / Major Professor Approval Required
Graduate Elective (3)*		
BLOCK C - 6 Hours		
MSET 5950 Master's Thesis		Major Professor Approval Required
* Graduate Elective List of recommended courses include: CSCE 5011, 5350, 5540, 5730; CECS 5020, 5030, 5420, MGMT 5300; EENG 5350, 5610, 5820		

Graduate Elective, notes, or additional comments	Date

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