**The original copy of this form must be submitted to the Electrical Engineering Student Services Coordinator (Jason Mieritz)**

Name: _______________________________ ID: _______________________________

Email: _______________________________ Phone: _______________________________

Home address: ______________________________________________________________________________________________________

Master’s degree to be earned: Master of Science Major: EENG Minor: (optional) _______________________________

Any deficiencies in undergraduate prerequisites ________________________________________________________________

Responsibility for reading catalog requirements and for knowing when program has been completed rest entirely upon the student. Application for graduation must be filed with the Graduate School office BEFORE the deadline date in force during your final semester. See the Academic Calendar for graduation deadlines.

The number of UNT off-campus residence courses which may be applied to the master’s degree is limited by state regulations. Consult the Office of the Graduate Dean for information concerning this restriction.

Identify transfer courses with school abbreviation and date completed. Official transcripts of transfer work must be filed before courses can be approved.

Students completing a thesis must register for EENG 5950 for a minimum of six hours and maintain continuous enrollment.

### Courses to be completed for the Master’s degree

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*Required EE core

Total Semester Hours Required ____________________________________________

Semester of First Course -- Semester of Completion ________________________

Approver (Signature) (PRINT) ________________________________________________

Second Approver (Signature) (PRINT) __________________________________________

Thesis Committee Member (Signature) (PRINT) (Required only if student is completing a thesis) ________________________________

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Thesis Committee Member (Signature) (PRINT) (Required only if student is completing a thesis) ________________________________

Final Approver Date ____________

Graduate Dean, Graduate School Date ____________

Rev. 8/2023
MSEE Degree requirements

Core courses:

Systems and control area
- EENG 5310 - Control Systems Design
- EENG 5320 - Systems Modeling and Simulation

Communication and signal processing area
- EENG 5610 - Digital Signal Processing
- EENG 5810 - Digital Communications

Digital systems
- EENG 5520 - Design and Testing of Digital Systems
- EENG 5540 - Digital Integrated Circuit Design

Microwave, analog and RF systems
- EENG 5410 - Microwave Engineering
- EENG 5530 - Analog Integrated Circuit Design

Option A, Thesis option
Students are required to complete at least 30 hours in electrical engineering as specified below.

Electrical engineering core courses, 6 hours
Students are required to complete 6 hours from the list of electrical engineering core courses with a grade of B or better.

Electrical engineering electives, 15-18 hours
In addition to 6 hours of electrical engineering core courses, students are required to complete at least 15 hours of organized graduate courses in electrical engineering, excluding EENG 5932, EENG 5890, EENG 5900, and EENG 5950.

Directed study and special problems courses, 0-3 hours
Students may apply no more than 3 hours of EENG 5890 or EENG 5900 to the degree.

Master's thesis, 6 hours
Students are required to complete 6 hours of EENG 5950.

Option B, Non-thesis option
Students are required to complete at least 30 hours in electrical engineering as specified below.

Electrical engineering core courses, 6 hours
Students are required to complete 6 hours from the list of electrical engineering core courses with a grade of B or better.

Electrical engineering electives, 21-24 hours
In addition to 6 hours of electrical engineering core courses, students are required to complete at least 21 hours of organized graduate courses in electrical engineering, excluding EENG 5932, EENG 5890, EENG 5900, and EENG 5950.

Directed study or special problems courses, 0-3 hours
Students may apply no more than 3 hours of EENG 5890 or EENG 5900 to the degree.