M.S. in Computer Engineering (EG-MS-COEN)
Program Worksheet (30 credit hours total)

Name: _____   Z#: _____   Starting Term: _____

Phone #: _____   Overall GPA: _____   Date: _____

Are you pursuing a certificate ☐ or minor ☐ ? Certificate or Minor Program Name : _____

Did You submit your certificate or minor worksheet ? Yes ☐ No ☐

Degree Requirements

Students can choose between thesis and non-thesis options. Both options require a minimum of 30 credit hours (crs). Regardless of the option chosen, all students must complete the following requirements:

- Complete CGS 5937 Graduate Seminar course (zero crs).
- Maintain a minimum 3.00 GPA to remain and graduate from the program.
- All courses within the degree program must be completed with a letter grade of "C" or higher.
- A minimum of 15 credit hours must be taken at the 6000 level.
- A maximum of 3 credit hours of Directed Independent Study (DIS) can be taken (faculty approval required).
- After completing 18 credit hours of coursework, students are <u>required</u> to submit their program worksheet and Plan of Study (POS) to the Electrical Engineering & Computer Science (EECS) Department.
- Students who wish to pursue a minor or certificate program must apply and be accepted into the program by the time they have earned 18 credits. Otherwise, they are ineligible to apply.

Non-Thesis Option Requirement

Students must complete 7 graduate elective courses (21 crs) from any course offered by the EECS department.

Thesis Option Requirements

- Students must secure a Thesis Advisor.
- Complete **6 credit hours** of Master's Thesis over two semesters under the supervision of a faculty advisor.
- Complete **five** elective courses (15 crs) from any graduate course offered by the EECS department.

See additional Thesis Requirements on page 3

IF Prerequisite Courses were Required for Admissions, list here. **Must be completed within the first semester.**

Course Numbers Title	Semester Taken	Grade

The program worksheet undergoes periodic review and is subject to change.
This worksheet is intended to assist with tracking your coursework and completing the required POS.

Computer Architecture s Design section- Choose one graduate course (3 crs) with prefix CDA.

Course Numbers Title	Semester Taken	Grade

Software & Programming section- Choose one graduate course (3 crs) with prefix COP or CEN. ***But CANNOT take CEN 5931 and CEN 6930***.

Course Numbers Title	Semester Taken	Grade

Systems & Applications section – Choose one graduate course (3 crs) with prefix CAP, CIS, CNT, or EEL.

Course Numbers Title	Semester Taken	Grade

CGS 5937 Graduate Seminar (zero crs), REQUIRED – Requires a minimum letter grade of "S," satisfactory. Offered only in spring & fall semesters.

Course Numbers Title	Semester Taken	Grade
CGS 5937 Graduate Seminar		

EECS Department Electives section- Choose graduate courses offered by the Electrical Engineering & Computer Science (EECS) Department.

Choose 7 courses (21 crs) if Non-Thesis option. Choose 5 courses (15 crs) if Thesis option.

List EECS department courses below.

EEEC Course Numbers Title	Semester Taken	Grade

Thesis Option- Complete 6 credit hours of Thesis. Students are required to have a thesis form signed by a faculty advisor to register for thesis credits.

Course Numbers Title	Semester Taken	Grade
ECM 6971 Master's Thesis Computer Engineering		
ECM 6971 Master's Thesis Computer Engineering		

IF Directed Independent Study (DIS) course (3 crs) was completed, list below. A DIS will substitute for one EECS Elective course. Students are required to have a DIS form signed by a faculty advisor to register for a DIS course.

DIS Course Numbers Title	Semester Taken	Grade

The program worksheet undergoes periodic review and is subject to change.
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Course Substitution section. The EECS Department <u>may</u> approve course substitutions on a case-by-case basis. List approved course substitutions here. <u>Students are required to have advisor approval in writing.</u>

Substitution Course Numbers Title	List the Name of Section	Semester Taken	Grade

Failed Courses section. List all failed courses here, with <u>letter grades lower than a "C".</u>

Failed Course Numbers Title	Semester Taken	Grade

Eligibility Requirements for Thesis Candidacy:

Students may apply for candidacy upon completing 9 credit hours of coursework and maintaining a 3.00 overall/cumulative GPA. Students must prepare a POS in consultation with their graduate advisor, detailing the courses necessary for fulfilling their degree requirements. Approval from the student's advisor is required for all listed courses.

Students working toward the MS Thesis option degree may <u>not</u> register for thesis <u>credits until</u> their POS has been approved.

The Thesis Committee is composed of:
• At least three faculty members
• A minimum of two members are from the EECS Department
• The Committee Chair from the EECS Department

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How to Search for EECS Department Graduate Courses

When you perform a search on the Searchable Schedule, select the term. In the Department box, select Electrical Engin & Computer Sci. In the Level box, select Graduate. Then click on Search. This will display the entire course schedule of classes under the EECS department for that semester.

Enter Your Search Criteria

Term: Spring 2025

Subject (ex: ENC for ENC1101)	
Course # (ex:1101 for ENC1101)	
Departments	✖ Electric Engin & Computer Sci
Level	✖ Graduate
College	
Part Of Term	
Instructor	
Campus	
Keyword (With All Words)	
Attributes (ex: GenEd)	
Open Sections Only	☐

Search   Clear   ▸ Advanced Search