



FLORIDA ATLANTIC UNIVERSITY

Department of Electrical
Engineering and
Computer Science

College of Engineering &
Computer Science

M.S. in Computer Engineering (EG-MS-COEN) Program Worksheet

Name: _____ Z#: _____ Starting Term: _____

Phone #: _____ Overall GPA: _____ Date: _____

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 **one** course (zero cr) CGS 5937 Graduate Seminar.
- 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 9 credit hours of coursework, students are required to submit a Plan of Study (POS) via MyPOS.

Non-Thesis Option Requirement

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

Thesis Option Requirements

- Students must secure a Thesis Advisor.
- Complete **6 credits hours** of Master’s Thesis 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 the last page

Prerequisite Courses Required for Admissions (Mandatory, need to be taken first semester)

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
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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 & Design section- Complete one graduate course (3 crs) with prefix CDA

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
| | | |

Software & Programming section- Complete one graduate course (3crs) with prefix COP or CEN. Note that Special Topic courses such as CEN 5931, CEN 6930 require prior approval by your advisor.

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
| | | |

Systems & Applications - Complete one graduate course (3crs) with prefix CAP, CIS, CNT, or EEL.

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
| | | |

CGS 5937 Graduate Seminar, MANDATORY – One course (zero crs), requires a minimum letter grade of “S.” Offered only spring & fall semesters.

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
| | | |

Electives- complete any graduate course offered by the Electrical Engineering & Computer Science (EECS) Department

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

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
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Thesis Option- Complete 6 credit hours of Thesis. Student is required to have a thesis form signed by a faculty advisor to register for thesis credits.

| Course Number & Title | Semester Taken | Grade |
|---|----------------|-------|
| ECM 6971 Master’s Thesis Computer Engineering | | |
| | | |

List any Directed Independent Study (DIS) course here. Student is required to have a DIS form signed by a faculty advisor to register for a DIS course.

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
| | | |

The EECS Department may approve course substitutions for core or elective courses. List any course substitutions here. Student is required to have advisor approval in writing.

| Course Number & Title | Indicate “core” or “elective” | Semester Taken | Grade |
|-----------------------|-------------------------------|----------------|-------|
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List all courses here with grades lower than a “C”.

| Course Number & Title | Semester Taken | Grade |
|-----------------------|----------------|-------|
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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 via MyPOS 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 not register for thesis credits until 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