



DEPARTMENT OF COMPUTER & ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

College of Engineering & Computer Science
Florida Atlantic University

MS IN COMPUTER ENGINEERING STUDENT EVALUATION WORKSHEET

Name: _____ Z#: _____ Advisor: _____

Date of Admission: _____ Date of Candidacy: _____

Undergraduate Institution/Year: _____ GPA: _____ Major: _____

GRE/Year: _____ TOEFL: _____ Catalog Followed: _____

Prerequisites	Actual Course Title	Where	Grade
CDA 4150 Computer Design or	_____	_____	_____
CDA 4102 Struct. Computer Architecture or	_____	_____	_____
CDA 4170 CAD-Based Computer Design	_____	_____	_____
CDA 4331 Intro to Microcomputers & Lab	_____	_____	_____
EEL 3300 Intro to Electronics or	_____	_____	_____
CDA 4210 Intro to VLSI	_____	_____	_____
STA 4821 Stochastic Models (Probability and Statistics)	_____	_____	_____
COP 3530 Data Struct. & Algorithms Analysis	_____	_____	_____
MAC 2311 & 2312 Calc. w/Analytic Geometry I & II	_____	_____	_____
or			
MAC 2253 & 2254 Calculus for Engineers I & II	_____	_____	_____

A minimum 3-credit hours must be selected from each of three groups: (I) Comp Arch & Design, (II) Software Development, and (III) Computer Systems. These three groups include the following courses:

I: Computer Architecture & Design

Grade

- _____ CDA 6155 Advanced Computer Architecture
- _____ CDA 6316 Embedded System Design I
- _____ CDA 6132 Multiprocessor Architecture
- _____ CDA 6214 Structured VLSI Design

Electives

Grade

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

II: Software Development

Grade

- _____ COP 5330 Object-Oriented Software Design
- _____ CEN 5035 Software Engineering
- _____ COT 5310 Programming Languages
- _____ COP 6618 Concurrent Programming
- _____ CEN 6076 Software Testing

Thesis Option

CEN 6971 _____ (6 thesis credit hours)
Total: 24 course hours _____

III: Computer Systems

Grade

- _____ CNT 5715 Computer Network Programming
- _____ CEN 6405 Computer Performance Modeling
- _____ CIS 6370 Computer Data Security
- _____ COP 6617 Distributed Systems Design
- _____ COP 6731 Theory and Implementation of Database Systems
- _____ CIS 6302 Mobile Computing
- _____ CAP 6673 Data Mining & Machine Learning
- _____ CAP 6010 Multimedia Systems
- _____ CDA 6122 Evaluation of Parallel and Distributed Systems
- _____ CAP 5615 Introduction to Neural Networks
- _____ CDA 6508 Ad Hoc Networks

Non-thesis option

Total: 33 course hours _____

GPA (at least 3.0): _____

Evaluated by: _____

Date: _____

SUMMARY OF RULES FOR MSCE DEGREES

Minimum Degree Requirements:

- prerequisites: all courses must have a grade of "C" or better
- a minimum of 9 credit hours must be selected from the above three groups (at least one course from each group)
- at least 18 credits of 6000 level courses
- at most 3 credits of directed independent study (DIS)
- no course more than seven years old
- at most 3 credits of 4000 level courses with the consent of advisor
- all courses must have a grade of "C" or better
- overall graduate GPA of 3.0 or better
- no more than 6 credits transferred from other institutions

Thesis Committee (for thesis option):

- composed of at least three faculty members
- at least two members from CEECS Department
- chair or co-chair from the CEECS Department

ADMISSION TO CANDIDACY:

Students must apply for candidacy as soon as they are eligible. Students should prepare, in consultation with a graduate advisor, a **PLAN OF STUDY** i.e. the list of courses, for completing their degree requirements. All courses must be approved by the student's advisor.

A student is eligible to apply for candidacy when:

1. A minimum of 9 credit hours as a graduate student have been completed.
2. A minimum of 3.0 GPA in all courses attempted as a graduate student has been maintained.

Normally no more than 15 credit hours of work completed before admission to candidacy will be accepted toward the Degree program.

Students working toward the MS degree (thesis option) may not register for thesis until their Plan of Study has been submitted.

Additional Comments or Information:
