

FLORIDA ATLANTIC UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MS IN COMPUTER SCIENCE STUDENT EVALUATION WORKSHEET 2007-2008

Name: _____ SS#: _____ Advisor: _____

Date of Admission: _____ Date of Candidacy: _____

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

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

Prerequisites

COT 4420 Formal Lang. & Automata Theory
 CDA 4150 Computer Design *or*
 CDA 4102 Struct. Computer Architecture *or*
 CDA 3331 Intro to Microcomputers & Lab *or*
 CDA 4170 CAD-Based Computer Design
 COP 4610 Computer Operating Systems
 COT 4400 Design & Analysis of Algorithms
 STA 4821 Probability and Statistics
 COP 3530 Data Structures & Algorithms Analysis
 MAC 2311 & 2312 Calculus w/Analytic Geo. I & II
 MAD 2104 Discrete Mathematics

Actual Course Title

Where

Grade

Actual Course Title	Where	Grade
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

I: Theory

Grade
 _____ COT 6405 Analysis of Algorithms
 _____ MAP 6264 Queueing Theory
 _____ COT 6200 Philosophy of Computation

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

COT6970 _____ (6 thesis 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 and 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 MS (COMPUTER SCIENCE) 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 3 groups (at least 1 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 CSE Department
- chair or co-chair from the CSE Department

Admission to Candidacy:

Students must apply for candidacy as soon as they are eligible. Prior to applying for candidacy, students should prepare, in consultation with a graduate advisor, a plan, 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 degree program. Students working toward the MS (thesis option) degree may not register for thesis until their admission to candidacy.

Additional Comments or Information:
