



**MS IN COMPUTER SCIENCE 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 <u>or</u>	_____	_____	_____
CDA 4102 Struct. Computer Architecture <u>or</u>	_____	_____	_____
CDA 3331 Intro to Microcomputers & Lab <u>or</u>	_____	_____	_____
CDA 4170 CAD-Based Computer Design	_____	_____	_____
COP 4610 Computer Operating Systems	_____	_____	_____
COT 4400 Design & Analysis of Algorithms	_____	_____	_____
STA 4821 Stochastic Models (Probability and Statistics)	_____	_____	_____
COP 3530 Data Structures & Algorithms Analysis	_____	_____	_____
MAC 2311 & 2312 Calculus w/Analytic Geo. I & II	_____	_____	_____
<u>or</u>			
MAC 2253 & 2254 Calculus for Engineers I & II	_____	_____	_____

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

**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 & 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 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 submitting your Plan of Study will be accepted toward degree program.

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

### Additional Comments or Information:

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