

# Master of Science in Computer Science and Information Systems (MS-CSIS)

## Exit Examination Report

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### 1. Overview of the MS-CIS Exit Exam

This document defines the format of the Exit Exam Report for Master of Science in Computer and Information Systems at University of Michigan – Flint. The overall objective of the report is to assess the student’s understanding of the core concepts presented throughout the courses required for the degree, and demonstrate their ability to synthesize concepts from multiple courses.

Most of the required courses in the MS program provide a reading list of journals and other scholarly articles related to that subject area. For the MS Exit Exam Report, the student may select one paper each from two different courses, or substitute other suitable articles with the approval of the student’s advisor. The student shall then integrate the information from these papers into a coherent exposition which describes a technical problem related to these two topics. Other reference material is encouraged as required, but the primary focus of the exit exam is the material contained within the two papers. The additional reference material may be from any appropriately technical source.

The Exit Exam Report shall be presented in the form of a **20 page** (double spaced 12 point Times New Roman font) document to be reviewed by the appropriate faculty. The format of the Exit Exam Report is provided in Section 4.

The student shall select an exam advisor from the tenure track Computer Science faculty within the CSESP department. The exam advisor may be different from the student’s program advisor. The Exit Exam Report shall be reviewed by the exam advisor and one other faculty member. The additional faculty member shall be jointly selected by the student and their exam advisor based on the proposed content of the Exit Exam paper, and the consent of the faculty member. The additional faculty member may be either an adjunct professor or a tenure track faculty member.

The Exit Exam Report shall be graded Pass/Fail. The specific rubrics for grading of the Exit Exam Report are provided in Section 3. Satisfactory completion of the exam is required for graduation and issuance of the M.S. degree. Students who fail to submit a satisfactory Exit Exam Report will be allowed to modify and re-submit the report during the following semester. Specific timing for submission of the Exit Exam Report is provided in Section 2.

## 2. Timing of the Exit Exam Report

The Exit Exam Report shall be completed during the student's final semester prior to their expected graduation. The student must select their exam advisor and meet with them *within the first two weeks of the semester* within which the student is completing the exam. Submission dates for the Exit Exam Report shall be as follows:

- **December 1** for **Fall** graduation
- **April 1** for **Winter** graduation
- **August 1** for **Summer** graduation

## 3. Assessment Rubrics for the Exit Exam Report

The Exit Exam Report shall be assessed for its quality based on the following rubrics:

- Scope and novelty of the topic
- Depth of understanding of the technical concepts
- Organization of the document
- Clarity of writing

## 4. Format for the Exit Exam Paper

The outline for the document shall be as follows:

- 1. INTRODUCTION**
- 2. BACKGROUND REVIEW**
- 3. TECHNICAL DISCUSSION**
- 4. CONCLUSIONS AND AREAS OF POSSIBLE FUTURE WORK**
- 5. REFERENCES**