

## EVALUATION RUBRIC: MF DEFENSE EXAM

Candidate Name: \_\_\_\_\_

Date: \_\_\_\_\_

Title of Project: \_\_\_\_\_

| Evaluation/Guidance   | Does not meet Expectations | Meets Expectations | Exemplary Performance | Not Observed |
|---|----------------------------|--------------------|-----------------------|--------------|
| <b>1. Critical Thinking:</b> Has demonstrated proficiency in the area of study.   |                            |                    |                       |              |
| <b>2. Project Definition:</b> Has stated the goals of the professional project clearly, providing motivation for undertaking the project.   |                            |                    |                       |              |
| <b>3. Literature and Previous Work:</b> Demonstrated sound knowledge of literature in the area, and of prior work on the specific problem.  |                            |                    |                       |              |
| <b>4. Impact of Proposed Project:</b> Demonstrated the potential value of solution or application within the area of study.   |                            |                    |                       |              |
| <b>5. Solution Approach:</b> Has applied sound state-of-the-field methods/tools to solve the defined problem and has described the methods/tools effectively.                           |                            |                    |                       |              |
| <b>6. Quality of Written and Oral Communication:</b> Communicates project results clearly and professionally in both (a) written and (b) oral form.                                     | (a)                        |                    |                       |              |
|   | (b)                        |                    |                       |              |
| <b>7. Broader Impact:</b> Demonstrated awareness of broader implications of the project. Broader implications may include social, economic, technical, ethical, business, etc. aspects. |                            |                    |                       |              |
| <b>8. Publications:</b> Journal or conference publications have resulted (or are anticipated) from this project.  |                            |                    |                       |              |
| <b>9. Ethics:</b> Includes (a) responsible and ethical conduct of research <u>OR</u> (b) professional conduct through specific coursework, workshops, or mentoring.                     | NO                         | YES                |                       |              |

**Overall Assessment:** The assessment of the overall performance of the candidate based on the evidence provided in items 1-9 above.

| CRITERIA                                     | PERFORMANCE RATINGS              |                           |                       |
|--|----------------------------------|---------------------------|-----------------------|
|  | Does NOT PASS FINAL DEFENSE Exam | Passes Final Defense Exam |                       |
| <b>OVERALL, My rating of the Examination</b> | Does not meet Expectations       | Meets Expectations        | Exemplary Performance |
|  |                                  |                           |                       |

Name of the Examining Committee Member: \_\_\_\_\_

Signature of the Examining Committee Member: \_\_\_\_\_