

**McWilliams School of Biomedical Informatics at UTHealth Houston**

**Doctorate in Health Informatics Written Qualifying Exam Grading Rubric**

**Student Name:** \_\_\_\_\_ **Evaluator Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Scenario Graded:** \_\_\_\_\_ (completed for each scenario)

|                                | <b>Competency Expectation</b>   | <b>Unacceptable</b> | <b>Poor</b> | <b>Acceptable</b> | <b>Outstanding</b> |
|--------------------------------|---|---------------------|-------------|-------------------|--------------------|
| <b>Knowledge and skills</b>    |   | <b>1</b>            | <b>2</b>    | <b>3</b>          | <b>4</b>           |
| General Principles             | Demonstrates comprehensive knowledge of program- and discipline-specific concepts   |                     |             |                   |                    |
| Review of the Evidence         | Demonstrates comprehensive knowledge of current evidence in field   |                     |             |                   |                    |
| Methodology (Project Approach) | Applies appropriate methods to address presented problem and demonstrates a clear understanding of the methodology, identify potential problems and alternative solutions |                     |             |                   |                    |
| Project Design                 | Design of a strong project plan   |                     |             |                   |                    |

|                                   | <b>Competency Expectation</b>   | <b>Unacceptable</b> | <b>Poor</b> | <b>Acceptable</b> | <b>Outstanding</b> |
|-----------------------------------|---|---------------------|-------------|-------------------|--------------------|
| <b>Communication</b>              |   |                     |             |                   |                    |
| Writing skills                    | Communicates with clarity and specificity   |                     |             |                   |                    |
| Structure, Organization & Grammar | Organizational structure establishes a strong relationship among ideas. Exhibits reasonable, appropriate, and engaging grammatical conventions, sentence formation, organization and mechanics. |                     |             |                   |                    |
| <b>Critical thinking</b>          |   |                     |             |                   |                    |
| Reasoning skills                  | Demonstrates the ability to reason through hypothetical problems  |                     |             |                   |                    |
| <b>TOTAL</b>                      |   |                     |             |                   |                    |

DHI Objectives:

- design and implement a project plan to address an operational health informatics problem.
- apply the appropriate scholarly foundations and evidence-based practices when designing and implementing the project.
- demonstrates broad knowledge in the field of health informatics and advanced knowledge in a sub-discipline, such as privacy and security, data analytics, revenue cycle management, or other specified, in conjunction with the advisory committee.
- present and disseminate his/her project and the evaluation using strong verbal and written communication skills.