# G107: Computer Science Qualifying Exam Assessment

**Student Name:**

**Area:**

*The purpose of the qualifying examination is to determine whether the student shows sufficient overall potential to advance to PhD candidacy. In addition to a competent research project, the student must demonstrate sufficient background knowledge, analytical aptitude, and written and oral skills. The questions below provide a rubric for this assessment, and will also be used in aggregate (anonymized) for program self-assessment purposes. Not all questions have equal weight.*

**Summarize the student's research topic and contribution:**
**(scoring: 5 = excellent; 3 = adequate; 1 = unsatisfactory; provide comments as necessary)**

**Problem Definition: Has the student clearly stated and motivated the research objective, and the requirements for a solution?**

**Related Work: Has the student effectively and clearly described prior work related to their research project?**

**Research Approach: Is the research well executed? Does it appear to be correct? Has the student considered the extent to which the results depend on the accuracy of the parameters and assumptions? Are assumptions justified? Has the student recognized any limitations of the work?**

**Degree of Difficulty: Was the research project of sufficient difficulty (i.e., commensurate with a one-semester MCS project)?**

**Writing Quality:**

**Presentation Quality:**

**Ability to Answer Questions: Does the student adequately answer questions about their depth area in general and their research project in particular?**

**Overall Outcome:**

☐ **Pass**

☐ **Fail and try again by** _____ **(date)**

☐ **Fail, 2nd attempt not recommended because:** _____

_____

**Comments and Suggestions to student:**

**Signed:**