Q-core Assessment Report

<u>Course</u>: M 181, Honors Calculus I

<u>Section(s) assessed</u>: M 181-001

<u>Semester</u>: Fall 2013

<u>Instructor(s) and/or supervisor</u>: Russell Walker

<u>Assessment done by (2 faculty members)</u>: Russell Walker and Lukas Geyer

<u>Number of students in course/section</u>: 23

<u>Number of students assessed (at least 6)</u>: 11

<u>Description of assignment, problems, and/or questions used for assessment</u>: Problems on the final exam were used to determine if the learning outcomes were demonstrated at an acceptable or unacceptable level as follows: Learning Outcome 1 (Problem 2), Learning Outcome 2 (Problem 5), Learning Outcome 3 (Problem 8).

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Learning Outcome 1: *Interpret and draw inferences from mathematical or statistical models represented as formulas, graphs, or tables*.

- <u>Total number of assignments assessed</u>: 11

- <u>Number of student assignments demonstrating the learning outcome at an acceptable level, as defined in the *Q-core Rationale and Assessment Plan* </u>: 10

- <u>Proportion of assignments rated as "acceptable"</u>: 10/11

- <u>Is this over the specified threshold of 2/3?</u> Yes

- <u>Comments and ideas for better aligning the course or the assignments with the Q-core rationale:</u>

- <u>Comments and ideas for improving the process of assessment:</u>

Learning Outcome 2: *Represent mathematical or statistical information numerically and visually.*

- Total number of assignments assessed: 11

- Number of assignments demonstrating the learning outcome at an acceptable level, as defined in the *Q-core Rationale and Assessment Plan* : 10

- Proportion of assignments rated as "acceptable": 10/11

- Is this over the specified threshold of 2/3? Yes

- Comments and ideas for better aligning the course or the assignments with the Q-core rationale:

- Comments and ideas for improving the process of assessment:

Learning Outcome 3: *Employ quantitative methods such as arithmetic, algebra, geometry, or statistical inference to solve problems.*

- Total number of assignments assessed: 11

- Number of assignments demonstrating the learning outcome at an acceptable level, as defined in the Q-core Rationale and Assessment Plan : 9

- Proportion of assignments rated as "acceptable": 9/11

- Is this over the specified threshold of 2/3? Yes

- Comments and ideas for better aligning the course or the assignments with the Q-core rationale:

- Comments and ideas for improving the process of assessment: