We thank you for your time spent taking this survey.
Your response has been recorded.

Below is a summary of your responses	 [Download PDF](#)

RETROACTIVE COURSE ASSESSMENT FORM

Faculty Name

Derek H. Ogle

Course Title (please also include semester date)

MTH107 Statistical Concepts and Analysis (Fall 2020 .. two sections)

What is the number of students assessed for this ILO?

53 total (27 in first section, 26 in second section)

Is the Intended Learning Outcome you will assess for this course part of the general education program (Liberal Education for the Environment and Society, Superior Connections, Growing Connections)?

Yes

No

Please select the general education category and learning outcome you are assessing.

General Education Category	Foundational skills in written communication and quantitative reasoning ▼
Learning	use statistical or mathematical models in solving problems ▼

Outcome

Briefly describe the qualitative and/or quantitative measure that was used to determine proficiency for this particular learning outcome.
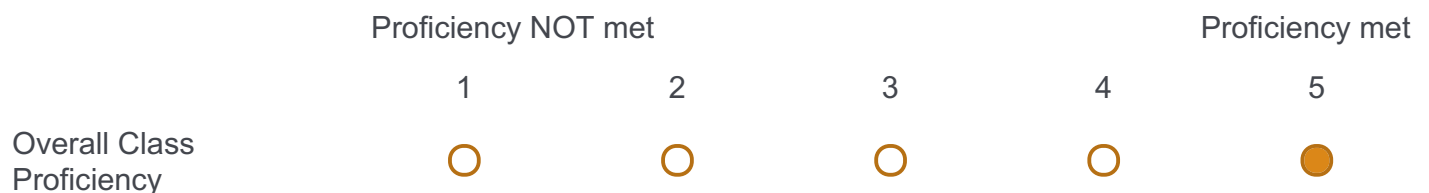
Some examples include, but are not limited to: overall class average, % of students who earn a particular score, % of students who participate in activity, % of students who improve performance by a certain amount, average score on an exam question or research paper, average score on a rubric, student survey.

> Four statistical models used in MTH107 are the one-sample t-test two-sample t-test, chi-square test, and linear regression. I have specific questions for these items on my final exam. For each question I expect 75% of the students (first quartile, Q1) to earn at least 50% of the points and 50% of the students (median) to earn at least 75% of the points, I summarized the results for these questions for all students that completed the final exam.

Briefly summarize your assessment results.

> Students in both sections met my criterion for the one-sample t-test (section1: Q1=73%, median=95%; section2: Q1=68%, median=87%), two-sample t-test (section1: Q1=61%, median=79%; section2: Q1=71%, median=79%), chi-square test (section1: Q1=80%, median=88%; section2: Q1=86%, median=93%), and linear regression (section1: Q1=74%, median=81%; section2: Q1=58%, median=78%).

Based on your assessment results, to what degree do you feel your students met proficiency for this learning outcome?

	Proficiency NOT met				Proficiency met
	1	2	3	4	5
Overall Class Proficiency	○	○	○	○	●

What are your plans for action in response to the assessment results?

> It should be noted that this semester was compressed (6.5 weeks), still under COVID-19 precautions, and the second time the final exam was given as a take home. Overall I am happy with student performance on these items and will not make any specific changes with respect to this ILO.

Thank you for taking the time to enter your assessment data. By clicking the arrow below, you will be submitting your data for this term. You will see a summary of what you entered immediately following submission - you will be able to download the info in a PDF if you would like the information for your own assessment records.