

CBE AOL Closing the Loop Form

Program: BS Economics Date: 5/4/20

Learning Goal: 1. Students who graduate will be knowledgeable of modeling techniques to solve microeconomic problems.

Learning Objective: 1A. Students who graduate will formulate mathematical models to solve microeconomic problems.

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Closing-the-Loop

1. Review Learning Objective (LO) assessment data in the current Assessment Report.
2. Review previous LO assessment data and improvement actions taken since then in the AOL Summary Report.
3. Document below the effectiveness of past improvement actions in improving student learning or the AOL process (this is what is known as “closing-the-loop”).

As of Fall 2018, BS Economics students are required to take an additional class that applies mathematical and statistical tools to analyze microeconomic and econometric problems. It is taught by the economics faculty: ECON 210: Quantitative Methods for Economists. The class builds upon a required class in calculus (or business calculus) and emphasizes the application of mathematical modeling and optimization. The class is designed to provide students with advanced skills necessary for the study of microeconomics and econometrics. The class is required for all BS Economics students and is a prerequisite for ECON 300 and ECON 301.

Assessment of Learning Objective 1A was revealed in the current assessment data. The assessment data shows that 64.7% of BS Economics students met the benchmark of 70% on the final exam question. This is close to the target of 70% of students meeting the benchmark. Though only 21.7% of BA Economics students met the benchmark of 70%, these students did not take ECON 210 as it is not required under the BA Economics program.

for new improvement actions. Consider not just the overall average LO score but also score on individual traits shown in the Assessment Report and derived from the LO rubric.

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5. Record below a list of recommended course-level or programmatic actions to improve student learning or the AOL process.
 - a. Sort the list from most recommended to least.
 - b. Given our mature AOL system, ideas should not be limited to just AOL system improvements.
 - c. For each improvement action proposal, list the project leader, timeline to completion, required resources, expected ease of implementation (hard, medium, easy), and expected impact on student learning (low, medium, high).
 - d. You may use ease of implementation and impact on student learning to rank improvements.
 - e. There is no guarantee that improvement ideas will be approved. They need to be reviewed by the program director, curriculum committee and dean.

- * Use "Learning Glass" technology available through Media and Academic Technology Services (MATS) to provide several videos of instructor solving the more algebra and calculus intensive problems in microeconomics. These videos will be posted online to complement in-person instruction. The program

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