

Assurance of Student Learning Reflection 2024-2025

<i>Gordon Ford College of Business</i>	<i>Economics</i>
<i>Graduate Certificate in Economic Data Analytics - 0491</i>	
<i>Chris Biolsi, Graduate Program Director; David Zimmer, Department Chair</i>	
Is this an online program? ☐ Yes ☒ No	Please make sure the Program Learning Outcomes listed match those in CourseLeaf. Indicate verification here ☒ Yes, they match! (If they don't match, explain on this page under Evaluation)

Instructions: For the 2024-25 assessment, we are asking you to reflect on the last three-year cycle rather than collect data. It's important to take time to look over the results from the last assessment cycle and really focus on a data-informed direction going forward. In collaboration with your assessment team and program faculty, review each submitted template from 2021-2024 and consider the following for each Program Learning Outcome, add your narrative to the template, and submit the draft to your **ASL Rep** by **May 15, 2025**.

Program Student Learning Outcome 1

Program Student Learning Outcome	Students will demonstrate ability to apply econometric modeling techniques to study real-world questions.
Evaluation	This SLO remains relevant and crucial to our discipline.
Measurement Instruments	One of the core courses in the MA in Applied Economics (0410) is Regression and Econometrics (ECON465G), which is also one of the research methods courses in the program. During the course, students learn a variety of econometric techniques. At the end of the course, students have to complete a project during which they have to identify the appropriate econometric technique to study the assigned problem, perform required calculations and interpret their results. This project served as the instrument for measuring this learning objective. Specifically, the following items were assessed: 1. Was the student able to formulate the research question in terms of the appropriate econometric model? 2. Was the student able to perform necessary calculations to estimate the model? 3. Did the student correctly interpret the estimation results?
Criteria & Targets	At the end of the program, students should be able to perform at the level of Capstone (4) or Milestone (3) according to <i>LEAP Quantitative Literacy</i> rubric.
Results & Conclusion	Results: All of our graduating students meet this target. Conclusions: As a small graduate program, we will not graduate a student who fails to meet the threshold. For those struggling to meet the threshold, we provide one-on-one mentoring to help them achieve the threshold.

<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	We do not believe we need to make changes to the measurement instrument of methods for assessing success. Our methods in this area are similar to practices at our competing institutions.
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Program Student Learning Outcome 2	
Program Student Learning Outcome	Students will demonstrate appropriate data skills necessary to conduct economic research.
Evaluation	This SLO remains relevant and crucial to our discipline.
Measurement Instruments	Targeted assignments in ECON 506 – Applied Statistical Methods course. Among the assignment given throughout the course, students were required to complete assignments that measured their competency in choosing and using the appropriate data skills necessary to perform subsequent data analysis. Skills addressed included importing data into statistical software, data management skills (e.g. merging, subsetting datasets) etc.
Criteria & Targets	Upon completion of the program, students should perform at the Intermediate or Advanced level.
Results & Conclusion	<u>Results:</u> All of our graduating students meet this target. <u>Conclusions:</u> As a small graduate program, we will not graduate a student who fails to meet the threshold. For those struggling to meet the threshold, we provide one-on-one mentoring to help them achieve the threshold.
<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	We do not believe we need to make changes to the measurement instrument of methods for assessing success. Our methods in this area are similar to practices at our competing institutions.

Program Student Learning Outcome 3	
Program Student Learning Outcome	Students will demonstrate knowledge of statistical tools necessary to conduct economic research.
Evaluation	This SLO remains relevant and crucial to our discipline.
Measurement Instruments	Targeted assignments in ECON 506 – Applied Statistical Methods course. Among the assignment given throughout the course, students were required to complete assignments that measured their competency in choosing and using the appropriate statistical tools necessary to conduct analysis of economic data.
Criteria & Targets	Upon completion of the program, students should perform at the Intermediate or Advanced level.
Results & Conclusion	<u>Results:</u> All of our graduating students meet this target. <u>Conclusions:</u> As a small graduate program, we will not graduate a student who fails to meet the threshold. For those struggling to meet the threshold, we provide one-on-one mentoring to help them achieve the threshold.
<u>**IMPORTANT - Plans for Next Assessment Cycle:</u>	We do not believe we need to make changes to the measurement instrument of methods for assessing success. Our methods in this area are similar to practices at our competing institutions.