

ASSURANCE OF LEARNING

Assessment Report

Program: MSE Term: Spring 2019

LEARNING OBJECTIVE	3A: Students who graduate will identify and apply appropriate empirical techniques for estimation problems.
MAPPED COURSE	ECON 689: Project
CURRICULUM ALIGNMENT	Courses mapped as introducing LO 3A: ECON 610, Courses mapped as developing LO 3A: ECON 660, 661, 688 Courses mapped as mastering LO 3A: ECON 689
# OF PARTICIPATING FACULTY	1
METHODS & PROCEDURES	Econ 693 is comprised of only one assignment. Assessment for learning objective 3A is based off of this one assignment.
ASSESSMENT TOOL	CBE Developed Rubric (<i>see end of report for rubric</i>)
PERFORMANCE TARGETS	70% of students will meet expectations. Less than 10% of students will score “1” (below) on any “trait” in the rubric.

Data Analysis Summary

There are two targets set for this learning objective, (1) 70% of students will meet or exceed expectations, and (2) less than 10% of students will score “1” (below expectation) on any “trait” in the rubric. Overall, 97% of students met expectations on the learning objective. A total of 11 students were assessed.

n = 11	<i>Estimating Econometric Models</i>	<i>Use of Data for Econometric Analysis</i>	<i>Quantitative Techniques</i>
Meets Expectations	100%	100%	91%
Does Not Meet Expectations	0%	0%	9%
Total	100%	100%	100%
Overall Score	97%		

Assessment Scores by Individual Traits.

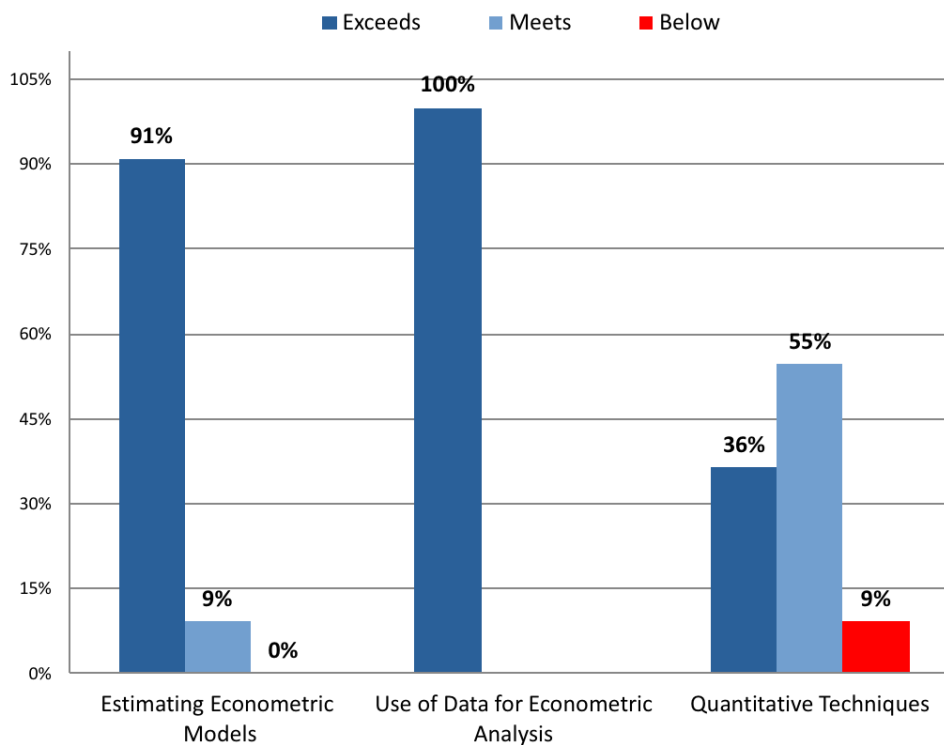
Regarding the second performance target that less than 10% of students will score “1” (below expectation) on any “trait” in the rubric, scores show students met this performance target. Results show students met this assessment target, although Trait #3: Quantitative Techniques came close to the 10% secondary benchmark cutoff.

Detailed Assessment Scores by Individual Traits

By Individual Traits	<i>Estimating Econometric Models</i>	<i>Use of Data for Econometric Analysis</i>	<i>Quantitative Techniques</i>
Exceeds	91%	100%	36%
Meets	9%	0%	55%
Below	0%	0%	9%

Traits of Empirical Techniques by Proficiency Level

n = 11



*Percentages may not add to 100% due to rounding.

Next Steps

- Share report with faculty and administrators
- Program Committee to call for Closing the Loop meeting

- Complete Closing the Loop Handout
- Share Closing the Loop Handout with Curriculum Committee
- Approval by Curriculum Committee
- Share Closing the Loop Handout with Dean's Office'
- Approval by Dean's Office
- Share Closing the Loop Handout with Faculty
- Publish results and findings
- Publish meeting minutes
- Implement Actions
- Track Actions

Rubric

LO3A: Empirical Techniques			
Traits	(6-8 pts) Exceeds Expectation	(3-5 pts) Meets Expectation	(0-2 pts) Below Expectation
<i>Estimating Econometric Models</i>	Capable of choosing and applying, with fluency, the correct econometric methods and tools while solving problems.	Minor errors and problems in applying the necessary econometric methods and tools.	Lacked the ability to apply the essential econometric methods and tools.
<i>Use of Data for Econometric Analysis</i>	Collected enough data observations from reliable sources that are suitable for econometric analysis. Was able to organize and manipulate data for conducting economic analysis. Understood limitations of the data.	Identified suitable ready-to-use dataset. Was able to conduct econometric analysis. Understand sources and measurement of the data.	Data collected is not suitable for econometric analysis; or data was not collected from reliable sources.
<i>Quantitative Techniques</i>	Analysis uses innovative quantitative techniques that demonstrate a creative approach to the problem.	Analysis uses competent quantitative techniques appropriate to the problem and accepted in the discipline.	Quantitative techniques are inappropriate to the problem or failed to make a substantial contribution to the problem.

End of Report