ASSURANCE OF LEARNING

Assessment Report

Program: MSE   **Term:** Spring 2019

LEARNING OBJECTIVE	**1A:** Students who graduate will generate solutions to economic optimization problems under constraints.
MAPPED COURSE	**ECON 601:** Advanced Microeconomics
CURRICULUM ALIGNMENT	Courses mapped as introducing LO 2A: ECON 600 Courses mapped as developing LO 2A: ECON 600, 605 Courses mapped as mastering LO 2A: **ECON 601**
# OF PARTICIPATING FACULTY	2
METHODS & PROCEDURES	An exam was used to assess this learning objective. Individual questions were identified from the exam to assess each of the rubric traits. Hard copies of the exam have been archived.
ASSESSMENT TOOL	CBE Developed Rubric *(see end of report for rubric)*
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, 100% of students met expectations on the learning objective. A total of 14 students were assessed.

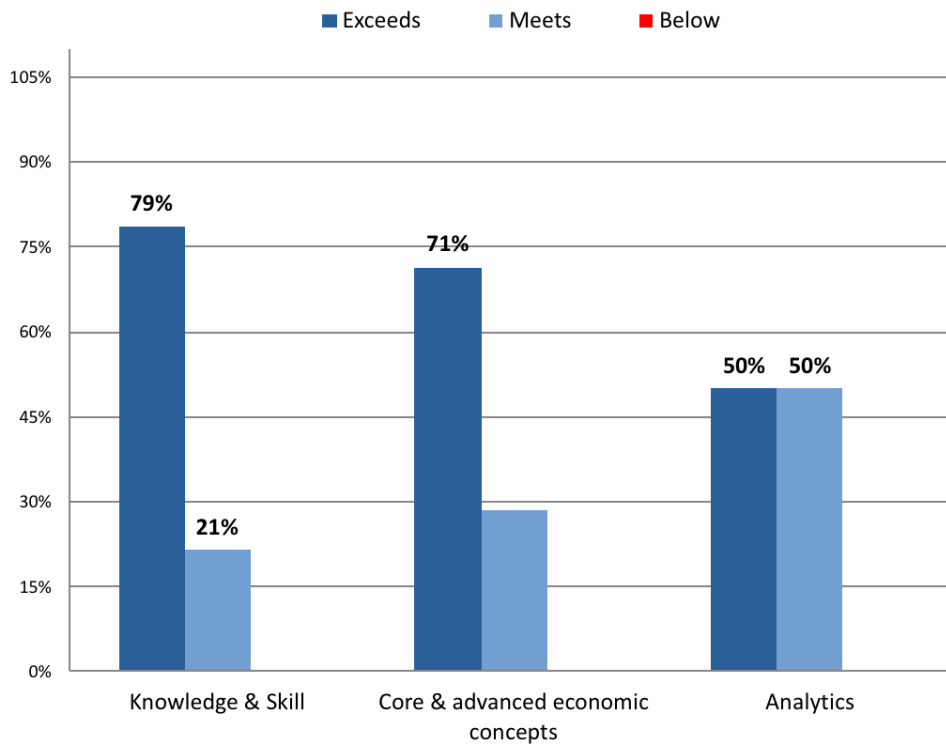| n = 14	*Knowledge & Skill*	*Core & advanced economic concepts*	*Analytics*
Meets Expectations	100%	100%	100%
Does Not Meet Expectations	0%	0%	0%
Total	100%	100%	100%
Overall Score	**100%**		

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. No students were assessed below expectations on any individual trait.

Detailed Assessment Scores by Individual Traits

By Individual Traits	Knowledge & Skill	Core & advanced economic concepts	Analytics
Exceeds	79%	71%	50%
Meets	21%	29%	50%
Below	0%	0%	0%

Traits of Economic Optimizations by Proficiency Level
n = 14

Percentages may not add to 100% due to rounding.

Next Steps

o   Share report with faculty and administrators

o   Program Committee to call for Closing the Loop meeting

- o Complete Closing the Loop Handout

- o Share Closing the Loop Handout with Curriculum Committee

- o Approval by Curriculum Committee

- o Share Closing the Loop Handout with Dean's Office'

- o Approval by Dean's Office

- o Share Closing the Loop Handout with Faculty

- o Publish results and findings

- o Publish meeting minutes

- o Implement Actions

- o Track Actions

Rubric

LO1A: Economic Optimization			
Traits	(6-8 pts) Exceeds Expectation	(3-5 pts) Meets Expectation	(0-2 pts) Below Expectation
Knowledge & Skill	Develop in-depth knowledge and understanding of theoretical frameworks and principles of methodology.	Develop general knowledge and understanding of theoretical frameworks and principles of methodologies.	Lack of understandings and knowledge of theoretial framworks and principles of methodologies.
Core and advanced economic concepts	Demonstrates a complete, accurate, engaging, and insightful understanding of core and advanced economic concepts.	Demonstrates accurate understanding and use of core economic concepts, but uneven understanding and use of advanced concepts.	Shows inaccurate and incomplete understanding OR accurate but superficial understanding OR does not move beyond a simple summary and description of core economic concepts.
Analytics	Analytical framework demonstrates a sophisticated understanding of economic theories with insightful assumptions that lends itself to convincing conclusions.	Framework demonstrates adequate understanding of economic theories sufficient to the purpose with defendable assumptions that lend themselves to useful conclusions.	Framework makes inappropriate or incomplete use of economic theory or uses assumptions that are unreasonable, and that do not lead to a useful conclusion.

End of Report