CALIFORNIA STATE UNIVERSITY
EAST BAY

College of Business & Economics

Assurance of Learning

Program Learning Objective (PLO): Empirical Techniques
Spring 2017

MA ECONOMICS

PLO3; LO3A

Assurance of Learning Office

MA Econ Learning Goal 3: Students who graduate will be knowledgeable in advanced econometrics.
(Learning goal statement was revised during 2015-2016 quarter-to-semester conversion process.)

CBE Learning Objective 3A:
Students who graduate will identify and apply appropriate empirical techniques for estimation problems.
(Learning objective statement was revised during 2015-2016 quarter-to-semester conversion process.)

Mapped Course:
ECON 6896: Research Methods

Curriculum Alignment:
Research methodologies, data analysis, and report writing. Provides students with analytic and research tools to increase their capacity to pose, answer, and critically evaluate research questions. Culminates in research project that synthesizes research methods, statistical analysis, and reporting of empirical results.

Participating Faculty:
1 teaching faculty.

Methods & Procedures:
Individual student project. The piece of assessment (artifact) is the empirical research paper at the center of 6896 (i.e. the class is designed to force students to conduct an original piece of empirical research).

Assessment Measurement Tool Used:
Internally developed rubric using outside sources.

Status of Assessment:
Completed.

Artifacts Archived:
TBD

Performance Targets:
There are two targets set for this skill, (1) 70% of students will meet or exceed expectations; and (2) less than 10% of students will score "1" (below expectations) on any "trait" in the rubric. Overall, 95% of students met expectations on the learning objective.

n = 13	Trait 1	Trait 2	Trait 3
Meets Expectations	92%	100%	92%
Does Not Meet Expectations	8%	0%	8%
Total	100%	100%	100%
Overall Score	**95%**		

Data Summary & Analysis

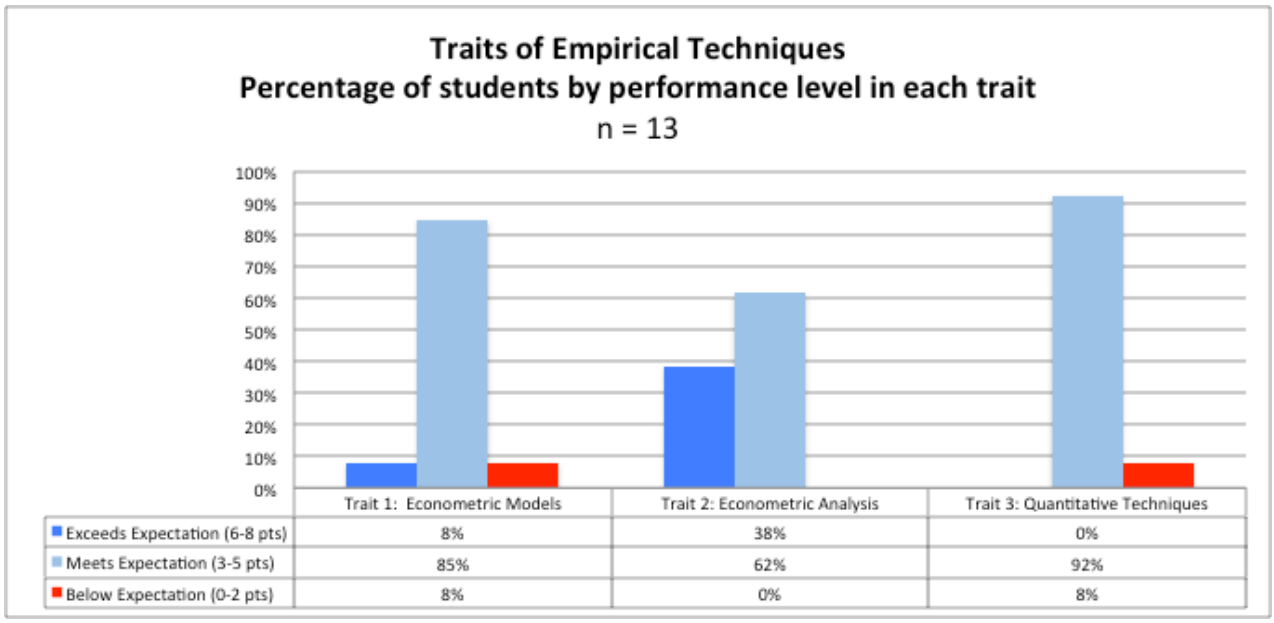
Overall Assessment Scores by Individual Trait:

Assessed Traits n = 13	Meets Expectation*	Below Expectation
Trait 1: Econometric Models	92%	8%
Trait 2: Econometric Analysis	100%	0%
Trait 3: Quantitative Techniques	92%	8%

** Meets expectations = Meets expectations + Exceeds expectations*

Detailed Assessment Scores by Individual Trait*:

n = 13	Trait 1: Econometric Models	Trait 2: Econometric Analysis	Trait 3: Quantitative Techniques
Exceeds Expectation (6-8 pts)	8%	38%	0%
Meets Expectation (3-5 pts)	85%	62%	92%
Below Expectation (0-2 pts)	8%	0%	8%



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

Empirical Techniques Rubric

LO3A: Empirical Techniques			
Goal 3:	Students who graduate will be knowledgeable in advanced econometrics.		
Objective 3A:	Students who graduate will identify and apply appropriate empirical techniques for estimation problems.		
Traits	**(6-8 pts) Exceeds Expectations**	**(3-5 pts) Meets Expectations**	**(0-2 pts) Below Expectations**
Estimating Econometric Models	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.
Use of Data for Econometric Analysis	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 anlaysis. Understand sources and measurement of the data.	Data collected is not suitable for econometric analysis; or data was not collected from reliable sources.
Quantitative Techniques	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.

Raw Assessment Scores

Instructor	Individual	Trait 1: Econometric Models	Trait 2: Econometric Analysis	Trait 3: Quantitative Techniques
Instructor 001	Individual 001	2	4	2
Instructor 001	Individual 002	4	4	4
Instructor 001	Individual 003	4	4	4
Instructor 001	Individual 004	5	7	5
Instructor 001	Individual 005	3	3	3
Instructor 001	Individual 006	5	6	4
Instructor 001	Individual 007	3	3	3
Instructor 001	Individual 008	5	5	5
Instructor 001	Individual 009	4	6	4
Instructor 001	Individual 010	6	6	5
Instructor 001	Individual 011	5	6	5
Instructor 001	Individual 012	3	3	3
Instructor 001	Individual 013	4	4	4

End of Report