

Continuous Improvement Plan (Inaugural CIP for program)

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Name of Program/Unit: Economics Field of Study

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Table 1: CIP Outcomes, Measures & Targets Table (focus on at least one for the next two years)

A. Expected Outcome(s) Results expected in this unit (e.g. Authorization requests will be completed more quickly; Increase client satisfaction with our services)	B. Measure(s) Instrument(s)/process(es) used to measure results (e.g. survey results, exam questions, etc.) Include Course Information and Semester in which assessment will occur	C. Target(s) Level of success expected (e.g. 80% approval rating, 10 day faster request turn- around time, etc.)
Students will relate, apply, and determine the derivative relationships between marginal and total utilities as well as marginal and average costs.	Multiple Choice Assessment test on the determination of the relationships between marginal and total utilities as well as marginal and average costs given in EFOS capstone course BUSI 2305-Business Statistics during AY 2023-24 (Fall or Spring semester)	For each question in the assessment, the standard to be met is 70% correct or higher, to be partially met is 50% to less than 70%, and to be not met is less than 50%. The expectation is for the standard to be met.
Students will calculate, interpret, and apply discrete and continuous probability distributions	Multiple Choice Assessment test on the application of discrete and continuous probability distributions given in EFOS capstone course BUSI 2305-Business Statistics during AY 2023-24 (Fall or Spring semester)	For each question in the assessment, the standard to be met is 70% correct or higher, to be partially met is 50% to less than 70%, and to be not met is less than 50%. The expectation is for the standard to be met.

Description of Fields in the Following CIP Tables:

A. Outcome(s) - Results expected in this program (e.g. Students will learn how to compare/contrast conflict and structural functional theories; increase student retention in Nursing Program).

B. Measure(s) - Instrument(s)/process(es) used to measure results (e.g. results of surveys, test item questions 6 & 7 from final exam, end of term retention rates, etc.)

C. Target(s) - Degree of success expected (e.g. 80% approval rating, 25 graduates per year, increase retention by 2% etc.).

D. Action Plan - Based on analysis, identify actions to be taken to accomplish outcome. What will you do?

E. Results Summary - Summarize the information and data collected in year 1.

F. Findings - Explain how the information and data has impacted the expected outcome and program success.

G. Implementation of Findings – Describe how you have used or will use your findings and analysis of the data to make improvements.

Table 2. CIP Outcomes 1 & 2 (FOCUS ON AT LEAST 1)

<p>A. Outcome #1 Students will relate, apply, and determine the derivative relationships between marginal and total utilities as well as marginal and average costs.</p>	
<p>B. Measure (Outcome #1) Multiple Choice Assessment test on the determination of the relationships between marginal and total utilities as well as marginal and average costs given in EFOS capstone course BUSI 2305-Business Statistics during the last two weeks of the Fall 2021 semester.</p>	<p>C. Target (Outcome #1) For each question in the assessment, the standard to be met is 70% correct or higher, to be partially met is 50% to less than 70%, and to be not met is less than 50%. The expectation is for the standard to be met.</p>
<p>D. Action Plan (Outcome #1) Faculty will meet bi-annually to review and discuss student understanding of concepts as well as discuss best teaching practices to ensure comprehensive and consistent student understanding of concepts. Faculty will review assessment test questions to insure clarity, consistency, and conformity to the teaching material. Such assessment question review will be conducted with consideration given that the underlying assessment was the inaugural assessment with a comparatively small sample size. Scientifically, it would be advisable to utilize the same test questions during the next assessment cycle in order to check for statistical robustness of the inaugural assessment results.</p>	
<p>E. Results Summary (Outcome #1) 66% - While the result shows that the standard was partially met by completers in the inaugural assessment test, it was the profound weakness in the test result for question 12 (41% - standard not met for question 12) that led to the lower average score for outcome 1 resulting in only a partially met standard. The implementation of the above action plan will show in the next assessment cycle whether this result is statistically robust or a consequence of the small sample size of the inaugural assessment.</p>	
<p>F. Findings (Outcome #1) Overall, standard was partially met in the inaugural assessment. Standard was not met for question 12. The low result for question 12 impacted the expectation of the standard for outcome 1 to be met. It would be desirable to check for statistical robustness during the next assessment cycle with a larger sample size.</p>	
<p>G. Implementation of Findings Administer a follow up assessment test during AY 2023-24. Implement above mentioned action plan.</p>	

<p>A. Outcome #2 Students will calculate, interpret, and apply discrete and continuous probability distributions</p>	
<p>B. Measure (Outcome #2) Multiple Choice Assessment test on the application of discrete and continuous probability distributions given in EFOS capstone course BUSI 2305-Business Statistics during the last two weeks of the Fall 2021 semester.</p>	<p>C. Target (Outcome #2) For each question in the assessment, the standard to be met is 70% correct or higher, to be partially met is 50% to less than 70%, and to be not met is less than 50%. The expectation is for the standard to be met.</p>
<p>D. Action Plan (Outcome #2) Faculty will meet bi-annually to review and discuss student understanding of concepts as well as discuss best teaching practices to ensure comprehensive and consistent student understanding of concepts. Faculty will review assessment test questions to insure clarity, consistency, and</p>	

conformity to the teaching material. Faculty will also discuss further real-world application examples of concepts in order to foster further critical thinking and analytical skills of students. Assessment question review will be conducted with consideration given that the underlying assessment was the inaugural assessment with a comparatively small sample size. Scientifically, it would be advisable to utilize the same test questions during the next assessment cycle in order to check for statistical robustness of the inaugural assessment results.

E. Results Summary (Outcome #2)

68% - The result shows that the standard was partially met by completers in the inaugural assessment test. Questions 13 and 14 partially met standards whereas questions 15 and 16 met standards. However, the result shows that the standard was almost not met for question 14 (52%), which lowered the overall average enough for this outcome 2 leading to an only partially met standard. The implementation of the above action plan will show in the next assessment cycle whether this result is statistically robust or a consequence of the small sample size of the inaugural assessment.

F. Findings (Outcome #1)

Overall, standard was partially met in the inaugural assessment. Standard was almost not met for question 14. The low results for questions 13 and 14 impacted the expectation of the standard for outcome 2 to be met. It would be desirable to check for statistical robustness during the next assessment cycle with a larger sample size.

G. Implementation of Findings

Administer a follow up assessment test during AY 2023-24. Implement above outlined action plan.