

#3. Assessment Plan: Alternative Delivery - Student Outcomes

To be completed by course instructors or program directors for 3 credit courses that are offered in **BOTH** the traditional (15 week face-to-face) format and in an alternative format (dual credit, online, and condensed time formats). Submit via email to the Assessment Committee Chair.

Department: Business & Math **Date: 6/19/17** **Course(s): BUS 343 Operations Mgmt**
Alternative Format(s) – select as many as are applicable:

Condensed and online Select Select Select Select Select

Members (must include more than course instructor only) involved with the development of this Assessment Plan: Langewisch, Heidorn, Beck

Course Requirements:

1. Each alternative delivery course meets credit hour requirements? (135 clock hours).
 - a. **Attach: Credit Hour Audit - traditional format**
 - b. **Attach: Credit Hour Audit for each alternative format.** (Dual credit – must attach one for each instructor).
2. Course requirements for all formats are comparable.
 - a. **Attach: Course Guide - traditional format.**
 - b. **Attach: Course Guide for each alternative format.** (Dual credit – must attach one for each instructor).

Student Outcome:

1. *What student outcome will be assessed? Quantitative reasoning, conceptual understanding*
2. **State as follows: Students should be able to [action verb] [something].** A student who is competent in quantitative reasoning possesses the skills and knowledge necessary to apply the use of logic, numbers, and mathematics to solve common problems in the field of Operations Management. A student who is competent in conceptual understanding possesses the knowledge to differentiate correct and incorrect statements in the field of Operations Management.

Question: *What specific question(s) are you attempting to answer through assessing this student outcome? (What are you trying to find out? There may be more than one question, but no more than three.)* Can the students average an 80% success rate or higher with quantitative and conceptual problems?

Methodology

1. **Student Outcome - OBJECT***
 - a. *What student artifact from the **traditional course** will be used to assess the outcome? We collect the percentage correct for each of 18 chapters, separated into quantitative and conceptual categories.*
 - i. *How will the artifact be collected? The learning management system myomlab, as set up by the instructor, collects the data, which is exported into Excel.*
 - b. *What student artifact from the **alternative course(s)** will be used to assess the outcome? We collect the percentage correct for each of 18 chapters, separated into quantitative and conceptual categories.*
 - i. *How will the artifact be collected? The learning management system myomlab, as set up by the instructor, collects the data, which is exported into Excel.*

Analysis of Artifacts:

- 1) **Student Outcome: PERFORMANCE CRITERIA***
 - a. *How will the artifacts be analyzed (attach rubrics/scoring tools if used):*
 - i. Traditional course: The learning management system automatically assigns points for correct or incorrect or partial credit for quantitative problems that are partly correct. The students' scores will be averaged over the 18 chapters.
 - ii. Alternative course(s) (note SAME if the same as the traditional course): SAME

2) **COMPARABILITY - How you will determine if the outcomes of the two are comparable? (For example – there will not be a statistically significant difference among the mean final exam scores). We**

will chart the measure over time, looking for trends, and compare to the 80% correct target.

Submitted by: A. Langewisch

Date: 6/19/17

Reviewed by the Assessment Committee (Date): 6/21/17

Submitter notified/additional action: na

Submitter notified of approval: 6/21/17