**#3. Assessment Plan: Alternative Delivery - Student Outcomes**

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| **Course:** **Chem 115 Alternative Format:**  **Explain “Other” if selected:** **Dual Credit**  **Department:** **Natural Sciences Date:** **9/9/15** |
| **Members** (must include more than course instructor only) **involved with the development of this Assessment Plan:** **Kristy Jurchen, Robert Hermann, Kyle Johnson, Jennifer Fruend** |
| **Course Requirements:**   1. *Does the alternative delivery course meet credit hour requirements? (135 clock hours).* yes    1. A credit hour audit is attached. (Dual credit – must attach one for each instructor) 2. *Are the alternative course requirements comparable to the requirements of the course offered in the traditional format?*     1. Course guide is attached for the alternative format. (Dual credit – must attach on for each instructor)    2. Course guide is attached for the traditional format. Check one:   attached OR  course not available in traditional format |
| **Student Outcome:**   1. *What student outcome will be assessed?* *Student understanding and application of the general pronciples of chemistry.* 2. **State as follows: Students should be able to [action verb] [something**]. Students should be able to understand and apply the general principles of chemistry. |
| **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.)* Are students able to understand and apply the general principles of chemistry? |
| **Methodology**   1. **Student Outcome** - *OBJECT\**     1. *What student artifact from the alternative course will be used to assess the outcome?* final exam    2. *What student artifact from the traditional course will be used to assess the outcome*? (note “na” if the course is not available in a traditional format).final exam 2. *Collecting data:*    1. *How will data be collected from the alternative format course?* Scores on a standardized American Chemical Society First Semester General Chemistry final exam will be collected from each Dual Credit instructor.    2. *How will data be collected from the traditional format course?* (note “na” if the course is not available in a traditional format).Scores on a standardized American Chemical Society First Semester General Chemistry final exam will be collected from the fall semester Chem 115 course. |
| **Analysis of Artifacts:**   1. **Student Outcome:** *PERFORMANCE CRITERIA****\****     1. **Alternative delivery-** *How will the artifacts be analyzed (attach rubrics/scoring tools if used):*  Exam scores (means and distributions) will be analyzed.    2. **Student Outcome – Traditional delivery -** *How will the artifacts will analyzed (attach rubrics/scoring tools if used)* (note “na” if the course is not available in a traditional format)*:*  Same as alternative delivery.   2) ***COMPARABILITY*** - *How you will determine if the outcomes of the two are comparable?* (note “na” if the course is not available in a traditional format). Scores (means and distributions) will be analyzed and compared with all other sections of the course (in current and previous years). |
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| **Submitted by:** **Rob Hermann Date:** **9/30/15** |
| **Reviewed by the Assessment Committee (Date):** **10/6/15** |
| **Submitter notified/additional action:** **na Submitter notified of approval:** **10/6/15** |