

**I. Critical Thinking****A. Select, analyze, interpret, evaluate and defend a claim (orally and/or written) using a range of source materials****BISI 1114 - General Biology**

*Activities:* Students will design and execute a controlled experiment during the laboratory to test a hypothesis about animal behavior.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assessment.

*Data:* 309/357 (86.5%) passed the assessment with > 70%

*Recommendation:* Use same assessment Fall 2017, with prior emphasis on hypothesis building.

**BSAD 1113 – Digital and Financial Literacy**

*Activities:* Students will complete individual projects in PowerPoint, which involves reading and understanding personal finance content followed by completion of assigned project to demonstrate application of knowledge gained on the topic utilizing various resources.

*Measurements:* Projects will be evaluated quantitatively based on a designated grading rubric developed by faculty.

*Evaluations:* Success rate for each designated project is an overall average of 70% or better of the total value based on the designated grading rubrics.

*Data:* 148/155 (95.5%) passed the assessment with 80% or higher.

*Recommendation:* Currently exceeding criteria and plan to continue to assess for trends against an 85% success rate instead of a 70% success rate. Each instructor will look at individual rubric results and improve instruction and repetition in noticed weak areas.

**CHEM 1314 – General Chem I**

*Activities:* Students will use chemistry knowledge obtained in lecture to identify unknown chemicals in the laboratory.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assessment.

*Data:* 64/148 (43.2%) passed the assessment with >70%.

*Recommendation:* We will use the same laboratory exercise as the final exam for chemistry lab. Students will work individually and spend more time developing a procedure, analyzing results and writing a written report. This past year, this activity was only one component and some students did not take this seriously. More discussion of laboratory analysis will be done to give students more experience with handling data. Guided inquiry experiments will be researched to possibly be added to our courses.

**ENGL 1113 - Composition I**

*Activities:* A research paper was assigned that would be evaluated according to content, reasoning, research and usage.

*Measurements:* Assignments will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assignment.

*Data:* 600/675 (89%) of students made a 70% or better.

*Recommendation:* No changes at this time

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**MATH 1513 - College Algebra**

*Activities:* Students will be given a quiz to apply their knowledge of the properties of polynomial functions.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assessment.

*Data:* 356/778 or 45.7% of students taking the assessment scored a 70% or higher.

*Recommendation:* Last fall we felt that there were many things that were very limiting in what the students could use as explanation for reasoning. We discussed changing the graphs to have them look slightly different so that students actually had to use more characteristics to identify the graph. We decided to change the 2<sup>nd</sup> part to have the students defend why the graph they chose is the correct graph and use 5 characteristics to explain their reasoning. We determined a list of 7 items that would be acceptable. We changed the point value to make the graph worth 1 point.

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**B. Generate/demonstrate original ideas**

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**C. Apply information to a variety of new situations**

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**ART 1113 - Art Appreciation**

*Activities:* The students will be given a project, The American Flag in Art, which will allow them to demonstrate their knowledge of the complexities of visual literacy.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Success Rate for each project is 70% or better.

*Data:* 123/140 (88%) students passed the flag project.

*Recommendation:* No changes at this time

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**CS 1113 – Computer Concepts**

*Activities:* Students will complete a practical comprehensive common final exam applying all computer application tools, including Microsoft Word, Excel, Access, PowerPoint to a given scenario.

*Measurements:* Exams (subcategorized by each MS Office tool) will be evaluated quantitatively based on designated grading rubrics created by faculty.

*Evaluations:* Success rate for the exam is that the overall average on the exam will be a score of 75% of the total value based on the designated grading rubric.

*Data:* 231/263 (87.8%) passed the activity at 80% or higher.

*Recommendation:* The Final Exam (assessment tool) will be revised to address issues of ESL for some of the international students who less proficient in English. The web-based materials will be evaluated and adjusted to improve reliability and effectiveness.

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**HPET 1223 – Hlth Educ & Wellness**

*Activities:* The students will be given a project to demonstrate their knowledge on proper nutritional habits, caloric intake and making better meal choices.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Students in the course will have a 70% success rate on this project.

*Data:* 88/107 (82%) passed the activity.

*Recommendation:* No changes at this time.

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**MUSC 1113 - Music App**

*Activities:* The students will be given a project which will allow them to demonstrate their knowledge of musical styles. The student should be able to aurally analyze a composition to determine its period of origin and likely composer and defend that analysis by using knowledge of instrument and vocal timber, music texture, form and orchestration obtained in this course.

*Measurements:* Projects will be graded based on a grading rubric developed for this project.

*Evaluations:* Success Rate for each project is 70% or better.

*Data:* 28/48 (58%) students passed the project.

*Recommendation:* Activity moved to final to allow for better indication of student overall knowledge.

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**ORNT 1101 - Orientation**

*Activities:* The students will be given a writing prompt in which they will demonstrate their application of knowledge of 2 of the following items: Learning styles, time management, note taking systems and test taking skills.

*Measurements:* Assignments will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assignment.

*Data:* 482/544 (89%) of students earned a 70% or higher.

*Recommendation:* No changes at this time.

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**PHIL 2223 – Business Ethics**

*Activities:* Students will complete a comprehensive paper designed to apply the critical thinking skills and ethical theory developed throughout the course by analyzing a real-world situation and applying those concepts.

*Measurements:* Exams will be evaluated quantitatively based on a designated grading rubric developed by faculty.

*Evaluations:* Success rate for the paper is that the overall average on the assignment will be a score of 70% of the total value based on the designated grading rubric.

*Data:* 115/147 (78.2%) students earned an 80% or higher.

*Recommendation:* The rubric will be revised to include a three-tiered assessment addressing critical thinking and communication skills more fully. Additionally, faculty will work more with students explaining the technical parts of the report, to increase understanding of the requirements. Finally, faculty will utilize turnitin.com to help students better follow the rubric and faculty better apply the rubric when grading.

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**POLI 1113 - Government**

*Activities:* Students will submit an essay, writing assignment, or online discussion board that demonstrates application of political principle or policy.

*Measurements:* Assignments will be graded based on a grading rubric developed for this project.

*Evaluations:* Students will earn a 70% or higher on the assignment.

*Data:* 283/324 (87%) of students achieved competency.

*Recommendation:* Faculty affirmed the successful attainment of our general education critical thinking goals. However, it was acknowledged that the grading rubric employed would need further refinement.

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