Academic Program Assessment Plan -AS Pre-Professional Health

Expand the table below as needed for your program. Please enter all goals and outcomes for your program. You should assess all goals and outcomes within your assessment cycle. Each outcome chosen for assessment during each year should have at least 2 rounds of assessment during that year.

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| **Academic Program Assessment Plan Template** | | | | | | **Date Submitted** | 12/ 2017 | | |
| **Department** | Science | | | | | **Degree/Type** | AS in Pre-Professional Health | | |
| **UNM Essential Learning Goals** | | | | | | | | | |
| **UNM has established the following essential learning goals for all UNM students: University of New Mexico students will develop the following aptitudes and habits of mind in the course of their general and major study at UNM**   * **KNOWLEDGE of human cultures and the natural world, gained through study in the sciences and mathematics, social sciences, humanities, histories, languages and the arts.** * **SKILLS, both intellectual and applied, demonstrated in written and oral communication, inquiry and analysis, critical and creative thinking, quantitative literacy, information literacy, performance, teamwork and problem solving.** * **RESPONSIBILITY, both personal and social, that will be manifested in civic knowledge and engagement, multicultural knowledge and competence, ethical reasoning and action, and foundations and skills for lifelong learning.** | | | | | | | | | |
| **Contact Person (name, title, email)** | | Irina Alvestad, Division Chair of Math, Science and Engineering  [irina@unm.edu](mailto:irina@unm.edu) | | | | | Date reviewed by CARC | 12/2017 | |
| **Assessment Cycle (1-year/2-year/3-year)** | | 2 year assessment cycle | | | | | | | |
| **Program Goal #1** | | **The program prepares students to pursue a specialized degree in health care professions through a broad foundation in science and critical thinking.** | | | | | | | |
| **Student Learning Outcomes**  **(In each row enter an SLO targeted at this Program Goal)** | | | **Year of cycle in which this outcome will be assessed.** | **UNM Essential Learning Goal (Knowledge, Skills, Responsibility)** | **Assessment Measure including Direct/ Indirect (Provide a description of the assessment instrument used; include the course AND if it was direct or indirect)** | | | | **Performance Benchmark (State the ‘criteria for success’ or performance target for meeting the SLO, i.e., at least 70% of students will perform with score of 70 or better)** |
| **Student Learning Outcome** | | | **Year of Cycle** | **UNM Essential Learning Goal** | **Assessment Measure** | | | | **Performance Benchmark** |
| Demonstrated ability to use principles of anatomy and physiology to identify form and function of body systems. | | | Yearly | K & S | Course: **BIOL 237/247L: Human Anatomy and Physiology I for the Health Sciences & Lab**  Direct Assessment:  Specific questions on the final exam and on final lab assignment will be selected that measure key institutional designed SLOs. Faculty members will submit a summary and detailed report for each of these SLOs. | | | | Performance Target: 75% of students will perform with a score 75% or better. |
| Demonstrated ability to solve a problem in chemistry scientifically using the appropriate skills and equipment while employing ethical critical thinking skills. | | | Yearly | K, S, & R | Course: **CHEM 121 & 123L: General Chemistry I and Lab**  Direct Assessment:  Specific questions on the final exam and on final lab assignment will be selected that measure key institutional designed SLOs. Faculty members will submit a summary and detailed report for each of these SLOs. | | | | Performance Target: 75% of students will perform with a score 75% or better. |
| By the end of the course, students will be able to explain the nature and process of science and use it to critically evaluate scientific information and to develop a  testable hypothesis to explain phenomena of the natural world as well as analyze data, construct and  Interpret graphs. | | | Yearly | Knowledge  Skills  Responsibility | Course: **BIO 123 Bio for Health-Related Sciences and BIO 124L: Lab**  Direct Assessment: Rubric for assessment of test questions that align with UNM/HED Common SLOs.  The Science Department will submit a report for this course. | | | | Performance Target: 75% of students will perform with a score 75% or better. |