

Assessment: Program Four Column



Acad Program - General Studies (AGS)

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p>PLO 2 - Quantitative Reasoning - Use quantitative skills and the concepts and methods of mathematics to solve problems.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023</p> <p>Start Date: 07/01/2019</p>	<p>Embedded Test Questions - Identified six questions from a locally developed departmental comprehensive exam.</p> <p>Criterion: Goal is for 70% of the students to would be able to correctly calculate at least 75% of the solutions.</p> <p>Notes: Use quantitative skills to solve problems</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Not Met</p> <p>61% of the students were proficient in using quantitative skills to solve problems in MATH 1100 (3 CR College Algebra) and 56% of the students were proficient in using quantitative skills to solve problems in MATH 1115 (5 CR College Algebra). (06/01/2023)</p> <p>Analysis: The criterion was not met.</p>	<p>Action Taken (Use of Results): The expected level of student performance and criteria for success was that 70% of SOWELA students would demonstrate mastery of this objective and would be assessed in MATH 1100 and MATH 1115. The measures were not met with regards to the intended educational outcomes in both MATH 1100 and MATH 1115. The faculty will reexamine the new rubrics and make modifications for the upcoming academic year. The mathematics faculty will also put additional emphasis on developing additional supplemental online materials. The mathematics faculty is determined to ensure that a greater percentage of students will meet the learning objectives for the upcoming academic year. (06/01/2023)</p>
	<p>Embedded Test Questions - Identified five questions from a locally developed departmental comprehensive exam.</p> <p>Criterion: Goal is for 70% of the</p>		

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
---------------------------	--------------------	--------------------	-------------------------------

students to would be able to correctly calculate at least 75% of the solutions.
Notes: Interpret quantitative information
Embedded Test Questions - Identified four questions from a locally developed departmental comprehensive exam.
Criterion: Goal is for 70% of the students to would be able to correctly calculate at least 75% of the solutions.
Notes: Translate problem situations into their symbolic representations

PLO 3 - Scientific Reasoning - Understand and apply the concepts and methods of the natural sciences.
Outcome Status: Active/Ongoing
Assessment Year: 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023
Start Date: 07/01/2019

Embedded Test Questions - Locally developed test that measures student achievement of this particular learning outcome.
Criterion: The average of all responded for the embedded problems will be 70%
Notes: Demonstrate scientific literacy.

Reporting Period: 2022 - 2023 EoY
Result Type: Criterion Met
 87% of the students measured mastered the student-learning outcome. (06/01/2023)
Analysis: The criterion was met.

Action Taken (Use of Results): The expected level of student performance and criteria for success was that 70% of Sowela students would demonstrate mastery of this intended educational outcome. Though this criterion was met, the Science faculty is determined to ensure that a greater percentage of students can apply the scientific method in a lab setting. To improve student success on this educational outcome, the Science faculty has agreed to reinforce the steps of the scientific method both in pre-lab lectures/activities and throughout each of the laboratory experiments. The department will also continue to develop material that will utilize the "Anatomage Table" technology in the A&P classrooms. (06/01/2023)

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
	<p>Embedded Test Questions - Course-based assessment by individual faculty that teach science labs.</p> <p>Criterion: The average of all response for the embedded problems will be 70%</p> <p>Notes: Apply the scientific method in a lab setting.</p>		
<p>PLO 4 - Social & Behavioral Sciences - Understand and apply the concepts and methods of social sciences.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023</p> <p>Start Date: 07/01/2016</p>	<p>Embedded Test Questions - Course-based assessment using monitored group discussions, embedded questions on homework assignments, and unit tests.</p> <p>Criterion: Demonstrate an understanding of the unique theories and methods of a social or behavioral science</p> <p>Notes: Analyze and interpret a social, economic, political, cultural, or philosophical issue</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>75% of the students measured mastered the student-learning outcome. (06/01/2023)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results):</p> <p>The Social and Behavioral Science faculty have seen students consistently exceeding the 70%. They are determined to ensure that a greater percentage of students can demonstrate an understanding of the unique theories and methods of a social or behavioral science. In order to continue to improve student success on this educational outcome, the Social and Behavioral Science faculty will continue the practice of requiring regular homework assignments that reinforce the unique theories and methods of the social and behavioral sciences. In addition to the comprehensive exam, the Social Science faculty has also incorporated course-based assessment using embedded questions on quizzes, assignments, and unit tests to create portfolios for longitudinal assessment of student mastery for this educational outcome. (06/01/2023)</p>

Embedded Test Questions -

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
	<p>Responses to selected questions embedded in a unit test will be analyzed to determine if learning outcome is met.</p> <p>Criterion: 70% of students will score at least a 70% on the embedded questions in the unit test.</p> <p>Notes: Demonstrate an understanding of the unique theories and methods of a social or behavioral science</p>		
<p>PLO 5 - Humanities & Arts - Develop knowledge and understanding of history, the arts, and literature.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023</p> <p>Start Date: 07/01/2016</p>	<p>Essay - Course-based assessment using essay assignment and departmentally-developed rubric.</p> <p>Criterion: Assessed by short papers and graded online discussion.</p> <p>Notes: Analyze and interpret a historical issue.</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>70% of the students measured mastered the student-learning outcome. (06/01/2023)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): In order to continue to improve student success on this educational outcome, the humanities faculty will continue the practice of requiring regular homework assignments that demonstrate a student's ability to analyze and interpret a historical issue. The faculty will also work with the library to identify and hold relevant primary source materials for the students. The library staff will also be invited to lecture on research methods and other relevant topics in each of the sections (videos will be developed for the online sections). (06/01/2023)</p>
	<p>Embedded Test Questions - Course-based assessment using assignments to critique a piece of literature and/or a historical film.</p> <p>Criterion: Using a rubric developed by a team of humanities faculty, students will be given an assessment in which they must critique several</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>90% of the students measured mastered the student-learning outcome. (06/01/2023)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): The high percentage last year (Spring '22) was seen as a possible anomaly, especially due to lower numbers that semester than is traditionally seen. This semester (Spring '23) the total number of students is similar (90 to 93), and</p>

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
	<p>works of art. They must analyze and interpret each work citing specific examples to give support to their inferences.</p> <p>Notes: Critique a particular work of art, music, theater or literature.</p>		<p>the percentage is even higher--8 percentage points. The rates are similar with both online and main campus classes. The faculty recommended last year varying the main testing apparatus to ensure students are learning the material, not simply memorizing expected testing responses. The base apparatus does not seem to make a material difference, and retesting the learned material at the end of the semester has shown that the information has been retained in a satisfactory measure (over the 70% threshold). However, the fact that the rates are significantly higher than the other learning outcomes leads the faculty to recommend revising testing methodology while retaining the current pedagogical techniques. (06/01/2023)</p>
<p>PLO 1# - Communication Skills - Write, read, and listen critically and effectively..</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023</p> <p>Start Date: 07/01/2019</p>	<p>Essay - Students will write essays throughout the semester. Each course will require at least 12 pages of college level writing. Assessed by departmental developed rubrics.</p> <p>Criterion: 70% of students finishing English 1010 will score at least a 70% in the content area of the rubric.</p> <p>Notes: Express ideas clearly in written form</p> <hr/> <p>Essay - Students will write essays throughout the semester. Each course will require at least 12 pages</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>74% of the students measured mastered the student-learning outcome. (06/01/2023)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): For the 2023-24 academic year, faculty will continue to update the English Composition textbook and also focus on creating additional online content for the English courses. The faculty will also use the newly writing lab (mobile laptop cart) to increase the writing time for students in class. (06/01/2023)</p>

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
----------------------------------	---------------------------	---------------------------	--------------------------------------

of college level writing. Assessed by departmental developed rubrics.
Criterion: 70% of students finishing English 1010 will score at least a 70% in the content area of the rubric.
Notes: Employ critical reading skills to analyze written material