

## Associate of Science in Health Science, Cochran

Semester reporting: Spring Semester 2021

Reporting cycle: Annual Reporting Cycle

### Academic Program Assessment by Location Report Information

Prepared on: 7/27/2021 1:28:49 PM	Prepared by: <a href="mailto:teri.miller@mga.edu">teri.miller@mga.edu</a>
	Email address of person responsible for this report: <a href="mailto:teri.miller@mga.edu">teri.miller@mga.edu</a>
In which school is this program located?	Health and Natural Sciences
Program Type:	Undergraduate
Approximately how many students are enrolled in this program at this location?	10

## Student Learning Outcomes

### SLO1

7. SLO 1: What is the first Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	Students will demonstrate a collegiate competency to read critically and communicate ideas in well-developed written formulas and solve problems using scientific principles.
8. SLO 1: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	Final grades in courses that are relevant to communication and scientific principles (Biology and Chemistry taken between Fall 2020 and Spring 2021)
9. SLO 1: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on....)	80% or above will earn a grade of C or above
10. SLO 1: During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	80
11. SLO 1: Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome?	Eighty percent of students in this program of study on this campus taking courses in Biology and Chemistry were successful in making a "C" or higher. The threshold was met. Will continue to monitor.

## Student Learning Outcomes

### SLO2

<p>12. SLO 2: What is the second Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)</p>	<p>Students will demonstrate knowledge of quantitative analysis to solve quantitative problems using mathematical functions and concepts and coherently express solutions in verbal, numerical, graphical and symbolic forms.</p>
<p>13. SLO 2: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)</p>	<p>Final grades of the students enrolled in Area A MATH courses</p>
<p>14. SLO 2: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....).</p>	<p>80% will achieve a final grade of C or above</p>
<p>15. SLO 2: During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)</p>	<p>43</p>
<p>16. SLO 2: Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome?</p>	<p>Forty-three percent of students in this program of study on this campus taking Area A Math courses were successful in making a "C" or higher.</p> <p>The threshold was not met. The School of Health &amp; Natural Sciences and the Chair of Respiratory Therapy oversees the A.S. in Health Science degree. We will continue to monitor and share outcomes with appropriate department chairs for individual course outcomes. It should be noted that students in this program of study have not transitioned to other career degree programs, which could be related to success in math and science courses.</p> <p>We will also communicate with AS Health Science advisors to assure they are aware of science course challenges and can adapt advising toward support services like the Student Success Center.</p> <p>Due to the transition to a completely online format of science courses because of the COVID-19 pandemic, the outcome of final grades for these students may have been impacted. A full transition to pre-covid conditions is scheduled for Fall 2021 semester and beyond.</p>

	This SLO will be communicated to the Chair of Natural Sciences.
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## Student Learning Outcomes

### SLO3

<p>17. SLO 3: What is the third Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)</p>	<p>Students will analyze effectively the complexity of human behavior and development.</p>
<p>18. SLO 3: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)</p>	<p>Final grades of students enrolled in PSYC courses.</p>
<p>19. SLO 3: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....).</p>	<p>80% will achieve a grade of C or above</p>
<p>20. SLO 3: During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)</p>	<p>60</p>
<p>21. SLO 3: Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome?</p>	<p>Sixty percent of students in this program of study on this campus taking PSYCH courses were successful in making a "C" or higher. The threshold was not met. The School of Health &amp; Natural Sciences and the Chair of Respiratory Therapy oversees the A.S. in Health Science degree. We will continue to monitor and share outcomes with appropriate department chairs for individual course outcomes. It should be noted that students in this program of study have not transitioned to other career degree programs, which could be related to success in math and science courses.</p> <p>We will also communicate with AS Health Science advisors to assure they are aware of science course challenges and can adapt advising toward support services like the Student Success Center.</p> <p>Due to the transition to a completely online format of science courses because of the COVID-19 pandemic, the outcome of final grades for these students may have been impacted. A full transition to pre-covid conditions is scheduled for Fall 2021 semester and beyond.</p>

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## Student Learning Outcomes

### SLO4

22. SLO 4: What is the fourth Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	Students will apply basic knowledge and skills as it pertains to health communications, concepts and theories, and cultural sensitivity, and cultural competency in relations to human health related issues.
23. SLO 4: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	Final grades of students enrolled in SOCI and HS 2000 (Medical Terminology) courses.
24. SLO 4: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....)	80% will achieve a final grade of C or above.
25. SLO 4: During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	100
26. SLO 4: Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome?	The threshold was met. Will continue to monitor.

## Sampling

27. How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?	35
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## Open Box for Assessment Comments

28. In this field, please document the overall use of assessment results for continuous improvement and Open Text Box For Assessment Comments:	This program of study is one which is not intended to graduate a student toward entry in a career. It is designed to prepare students toward another health science program, either at MGA or for transfer. While enrollment may be low since we now have a BS level Rehab science program to house those students pursuing a BS degree, this program is valuable for those who wish to complete an AS degree toward application for a future health science program. Results will be shared with related department chairs and advisors to allow for early intervention if needed for this program of study.
29. If the COVID-19 pandemic impacted this assessment cycle, please provide specific details below.	Students were impacted in the Associate of Science in Health Science program to the extent in which all students taking core coursework may have had limitations to traditional approaches due to social distancing requirements.