UA Rich Mountain
Assessing Student Learning

Academic Annual Program Review

September 2023

Part I: Purpose

The Annual Program Review assists UA Rich Mountain programs in documenting assessment progress.

- At the end of each school year, a program team should complete this form for each degree program. Incorporate data from the Course Outcomes reports.
- A digital copy should be uploaded to Dstor.

Part II: Background

Please use the fields below to provide background information about the degree program.

Degree Program:	AA/AGS
Program Reviewed by:	AA/AGS Faculty
Dates covered by this review:	August 2022 – May 2023

Program outcomes discussed in this review:

Students will increase their:
• writing, reading, speaking, and listening skills
• competency in mathematics, utilizing their analytical and occupational skills to solve real-life problems.
• understanding of different cultures and societies across the globe and how both have changed over time.
• understanding of basic principles and their application in the field of physical sciences and biological sciences.
• technological and research skills

Part III: Assessment of Student Learning Outcomes

1. **What was/were the program's assessment goal(s) for the reporting year?**

Implement Exit Exam and begin to analyze testing data.

2. **What were the student learning outcomes?**

- The students should be able to distinguish the writings of philosophers and their philosophy.
- Share and defend historical research with other students, scholarly research, presentation skills.
- Use the research process to execute academic research papers in MLA format.
- Write a clearly expressed, grammatically correct five-paragraph essay including a thesis sentence, central paragraphs, introduction, and conclusion.
- Demonstrate your knowledge of principal findings and theories in general psychology.
- ***499***Recognize the influence of cultures and societies on literary selections.
- Apply rules and safety procedures to walking.
- Identify the events and attitudes that have helped shape the culture of the United States from Reconstruction to the present.
- Students will develop the ability to research and evaluate health-related information presented in the media.
- students formulate personal beliefs and practices about educational problems.
- Introduction to the five-paragraph structured essay with emphasis on thesis statement and organization.
- Write a clearly expressed, grammatically correct five-paragraph essay including a thesis sentence, central paragraphs, introduction, and conclusion.
- Solve fundamental production problems pertaining to the animal industry.
- to familiarize students with the organization of the human body, to develop an understanding of the functions of the organ systems including pathologies (diseases) that affect these systems.
- Students will increase their understanding of basic principles and their application in the field of physical sciences.
- Perform and solve basic function operations and algebraic problems using appropriate vocabulary and technology with minimum of 70% accuracy.
- Use computational mathematics, algebraic operations, and their practical applications to solve problems, which they encounter at home, and the workplace
- Understand the concept of solubility and solution composition, different colligative properties, kinetics of a reaction by applying rate laws, equilibrium constant and the equilibrium expression calculation, comparison of pH of strong and weak acids and bases, titrations between acids and base involving pH measurements, solubility and solubility product constant, a relationship among three fundamental quantities of thermodynamics, electrochemical reactions as redox reactions.

- 1.. Organize, interpret, and analyze statistics from many types of graphs and create graphs. 2. Calculate and apply probability and counting techniques to real-world problems. 3. Recognize and analyze basic geometric shapes, including polygons and polyhedra, and various transformations. 4. Demonstrate understanding of measurement skills by calculating length, perimeter, area, surface area, and volume.
- Determine the order of reaction with respect to each reactant.
- Students will demonstrate competency in mathematics, including analytical and occupational skills.
- Knowledge of oral communication theory
- The student will be able to understand how to organize a speech using three major sections which are introduction, body, and conclusion.
- Write a clearly expressed, grammatically correct analytical literary essay following the standard five-paragraph essay structure in MLA format.
- Think critically and analytically about issues related to human development and behavior.
- Identify how state and local government functions.
- Understand the fundamentals of computers and educational technology.
- Demonstrate knowledge of independent historical research by researching and writing one scholarly paper using primary and secondary resources
- Respond appropriately to various rhetorical situations, purposes, and audiences.

3. List the assessment methods.

Instructors used a variety of Assessment Tools to measure their course outcomes. These course outcomes reports, along with student samples, are stored digitally on the intranet in the GELO-Couse Assessment folder.

To measure program outcomes an Entrance and Exit Exam was used and test scores compared.

4. Summarize the assessment data findings for this reporting year.

The Entrance and Exit Exam scores were compared for incoming Freshmen of 2021 and those who graduated May 2023. There were 48 students who took both the Entrance Exam Fall 2021 and the Exit Exam May 2023. The average score for the Entrance Exam was 53% and the average score for the Exit Exam was 59%.

5. What is your analysis of the assessment findings?

We evaluated Exit Exam question analysis and as result some questions have been updated for future exams; a couple of questions were reworded as they contained language that was difficult for international students to understand, and some science questions were changed to simplify the wording. These questions will be reevaluated on future exams to see if the issue with the poor performance was due to not understanding the content or just not understanding the terminology.

The program outcome giving the students the most trouble was “understanding of basic principles and their application in the field of physical sciences and biological sciences.”

Part IV: Assessment Reflection

1. **What challenges and/or weaknesses did you find in the assessment of the previous year?**

There were only 48 students that were the same from the Entrance Exam Fall 2021 and the Exit Exam May 2023. Of those 86 students we were missing, here is what happened:
No graduation/No return – 42
Certificate of General Studies & No return – 9
Changed degrees – 11
Graduated with AA/AGS Fall '21 - 1
Graduated with AA/AGS Spring '22 – 11
Graduated with AA/AGS Summer '22 – 4
Graduated with AA/AGS Fall '22 – 2
Graduated with AA/AGS Spring '23 (didn't show to posttest) – 2
Graduated with AA/AGS Summer '23 – 2
Still here Fall '23 – 2

2. **What achievements and/or strengths did you find in the assessment of the previous year?**

- This was the first year we were able to compare the results of our Entrance and Exit Exams and our scores showed improvement in student learning.
- We began administering the Exit Exam in the fall semester as well to catch early and late graduates.

3. **Based on the assessment of student learning, what program changes need to be implemented?**

Biological and Physical Sciences plan to use the Entrance/Exit Exam to evaluate certain content areas to see if course changes need to be made. Three questions from biological science and one question from physical science were updated for the next Entrance/Exit Exam in order to format them better, not necessarily changing the difficulty level.

   a. **Define an action plan to follow up on program changes.**

We will check the answers for two more exit exams to see if the pattern continues to determine if the issue is the wording of the questions or the content. If poor performance continues on these questions after the rewording, then it will be determined that the students aren't understanding the content, so changes will be made on the instruction level.

4. **If applicable, reflect on and summarize Co-curricular accomplishments or needs.**

Co-Curricular accomplishments can be found on the intranet in the folder

Part V: Evidence Requirement

List all evidence that has been uploaded to Dstor. (Do NOT attach files to an email)

Part VI: Program's Accomplishments

List the Program's accomplishments that address a Strategic Plan Goal or other institutional concerns.

☐ Goal 1: Mission Driven UA Rich Mountain's mission is a guide to all operations.

Enter text here.

☐ Goal 2: Operate with Integrity UA Rich Mountain acts with integrity in its operations.

Enter text here.

☐ Goal 3: Provide High Quality Education UA Rich Mountain provides high quality education, wherever and however its services are delivered.

Improved English department's ADA accessibility scores from an average of 89% to 93.64%, a 4.64% increase from last year.

☐ Goal 4: Continuous Quality Improvement UA Rich Mountain evaluates the effectiveness and quality of student learning to promote improvement.

Implemented exit exam and analyzed testing data. Held a 'Poker Run' for students at the beginning of the semester, where students were instructed in various areas in which past students had struggled. Updated the Academic Dishonesty workshop video to include appropriate and inappropriate uses of AI.

☐ Goal 5: Effective & Efficient Operations UA Rich Mountain is effective and efficient within its operations and infrastructure.

Enter text here.

List any proposed additions to the Strategic Plan for the Assessment Committee. (Optional)

Enter text here.

Part VII: Rubric

Rubric for Academic Program Review Reports Enter a score into the appropriate category		
3 = Excellent 2= Satisfactory 1=Revision needed 0 = Missing		
Department or Program Information	**Self-score**	**Supervisor score**
Academic assessment goals and outcomes for the completed year are clearly stated	3	Enter a score.
Academic findings and analysis include methods and data.	3	Enter a score.
Academic action plan is discussed	3	Enter a score.
If applicable, Co-curricular analysis and data	3	Enter a score.
Accomplishments and Strategic Plan Information		
Accomplishments are correctly written and listed under appropriate goal(s).	3	Enter a score.
Evidence documents for Accomplishments and Assurance Argument are listed and should be uploaded.	3	Enter a score.
Administrator Comments: Type here for Supervisor's Comments.		