OFFICE OF ACADEMIC AFFAIRS

Office of Assessment & APR

General Education Assessment Results

UNM Los Alamos

AY 2024-25

October 2025

Introduction

The goal of this report is to provide individualized assessment results based on ratings of student work from UNM general education (GE) certified course sections in UNM Los Alamos. These ratings aim to describe student attainment of GE essential skills at UNM as required by the New Mexico Higher Education Department (NMHED). AY 2024-25 assessed four GE essential skills: Communication, Personal & Social Responsibility, Quantitative Reasoning and Information & Digital Literacy.

Ideas for Using this Report

Please review these results and share them with your leadership, faculty, and staff. These results can help inform future actions and assessment related to GE. The Office of Assessment and Academic Program Review (OAAPR) suggests the following:

- **Compare to your customized GE report from last year:** How do your GE courses and ratings compare? How do these represent opportunities to grow or highlight your strengths?
- **Discuss implications for curriculum, instruction, TA development, and faculty/staff development:** How is your coursework contributing to GE essential skill building in students? Does the report reflect what stakeholders would expect to see from these skill areas or what is important to know about them? How can this report inform communications, advising, syllabus and assignment design, proactive assessment, coursework, rubric alignment, etc.?
- **Consider possible improvements to GE assessment:** Examine how choices related to rubric dimensions, artifact submissions, and student sampling might affect ratings and discuss any changes to the GE assessment process that can be made on your end.

Notes on Interpreting Results

OAAPR graduate students use UNM's essential skill rubrics composed of specific dimensions for each skill to rate submitted artifacts on a scale where 0 = No Evidence, 1 = Emerging, 2 = Developing, and 3 = Proficient.

Ratings are affected by variables including: (1) student performance, (2) assignment design, (3) alignment of assessment tools (essential skill rubrics) with student work, and (4) rubric dimensions selected by each instructor. Please take all these variables into account.

While student artifacts may have been strong in terms of the substantive skills or knowledge required by assignment guidelines, they did not always align with the GE essential skills, which may have resulted in lower ratings. Conversely, student artifacts may not have demonstrated the substantive skills or knowledge required within assignment guidelines but been strongly aligned with the GE essential skills, which may have resulted in higher ratings.

Key Takeaways:

1. Communication essential skill: COM average ratings consistently performed close to the Developing benchmark (rating of 2) across course levels (1000 and 2000), course modalities, and UNM content areas, indicating a strong foundation in the NMHED communication essential skill.

2. Quantitative Reasoning skill needs improvement: QR average ratings barely met the Emerging benchmark (rating of 1), indicating that students are struggling to demonstrate evidence of achievement.   Additionally, alignment in the communication and analysis dimensions were lacking between essential skill rubric language and assignment prompts. Results

Essential Skills Overview:

1. Los Alamos Submissions 2019-2025
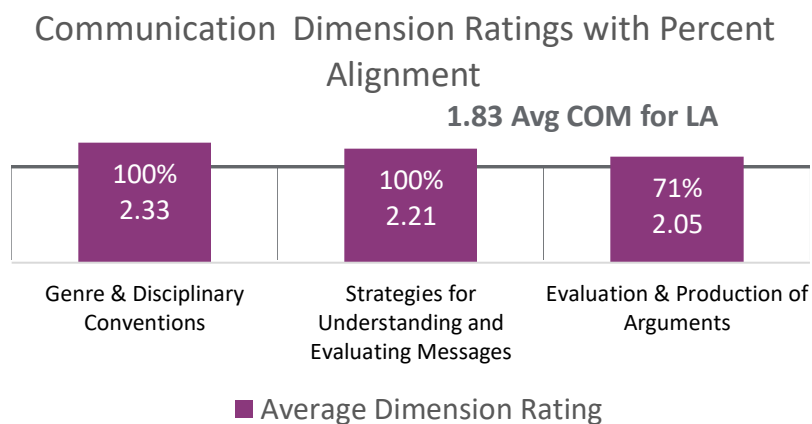
Los Alamos Campus
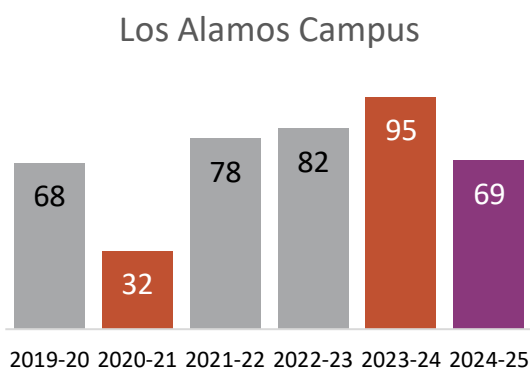
The OAAPR received 69 total artifacts from UNMLA in AY 24-25. These were comprised of Communication and QR artifact submissions.

2. Los Alamos Average Artifact Ratings

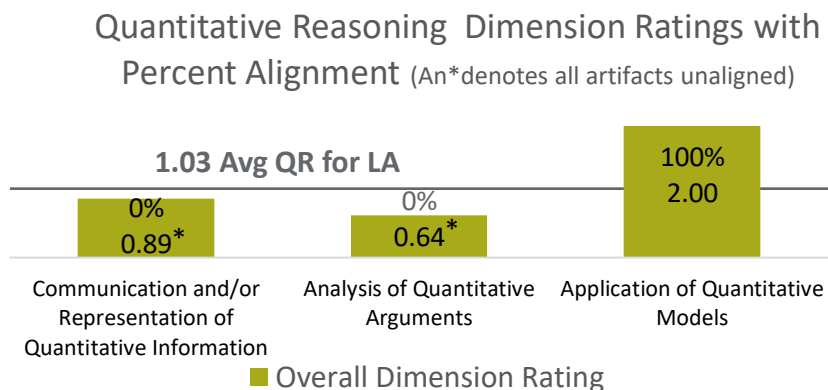### Average Rating per Essential Skill
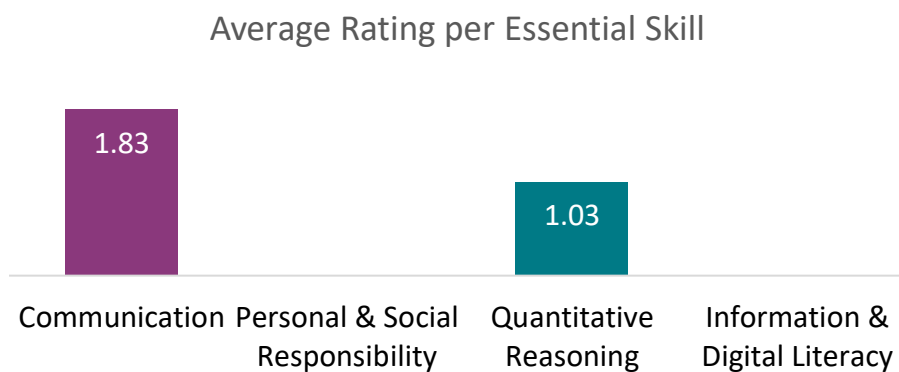
COM average ratings were strongly emerging, while QR rated at the low Emerging benchmark.

3. Los Alamos Average COM Artifact Ratings by Rubric Dimension

Communication Dimension Ratings with Percent Alignment

1.83 Avg COM for LA

| Genre & Disciplinary Conventions	Strategies for Understanding and Evaluating Messages	Evaluation & Production of Arguments
100% 2.33	100% 2.21	71% 2.05

■ Average Dimension Rating

All dimensions were strongly aligned ranging from 71% to 100% alignment and performed at Developing benchmark.

4. Los Alamos Average QR Artifact Ratings by Rubric Dimension

Quantitative Reasoning Dimension Ratings with Percent Alignment (An*denotes all artifacts unaligned)

1.03 Avg QR for LA

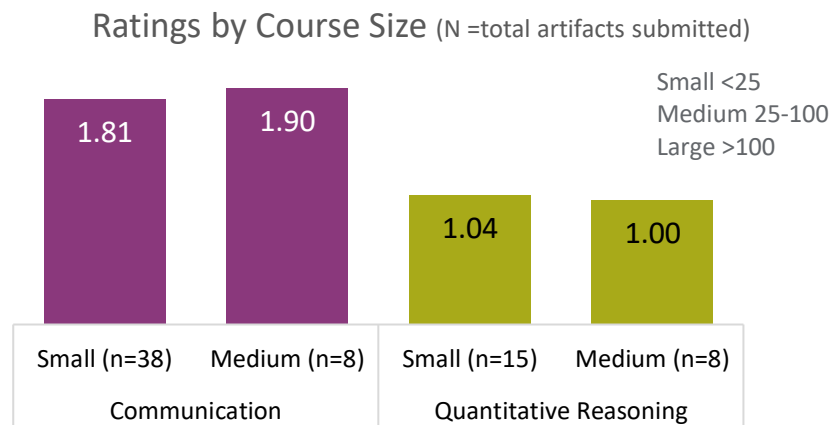| Communication and/or Representation of Quantitative Information	Analysis of Quantitative Arguments	Application of Quantitative Models
0% 0.89*	0% 0.64*	100% 2.00

■ Overall Dimension Rating

Application of Quantitative Models dimension was aligned at 100% and performed at the Developing benchmark, while the other two dimensions in QR were not aligned and lacked evidence of achievement.

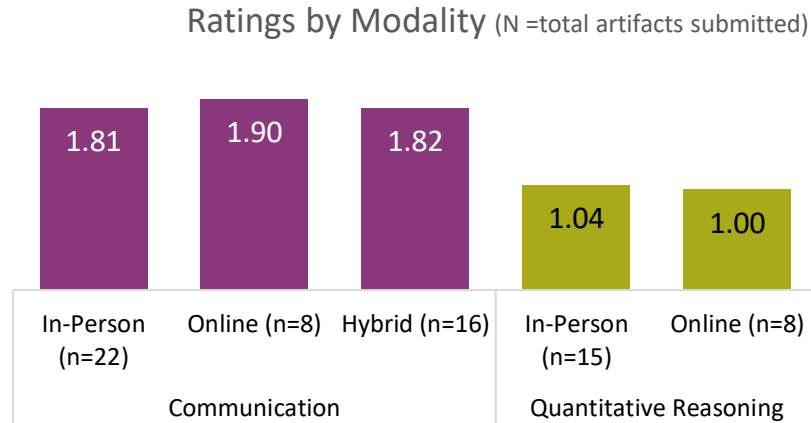**5. Los Alamos Average Essential Skill Ratings by Course Level**

Essential Skill Rating by Course Level

	Communication		Quantitative Reasoning
	1000	2000	1000
Rating	1.86	1.83	1.03
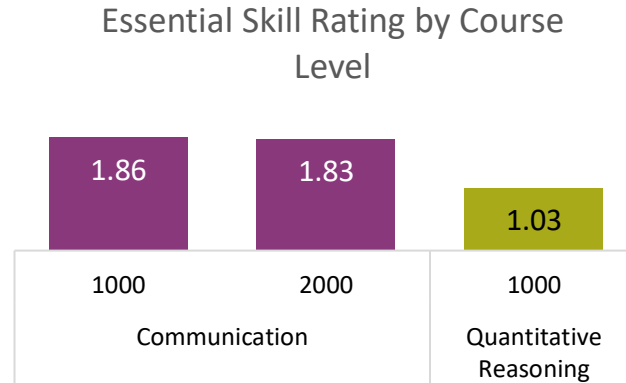
COM average is rated similarly in both 1000 and 2000 levels.

6. Los Alamos Average Artifact Ratings by Essential Skill and Course Size

Ratings by Course Size (N =total artifacts submitted)

Small <25
Medium 25-100
Large >100

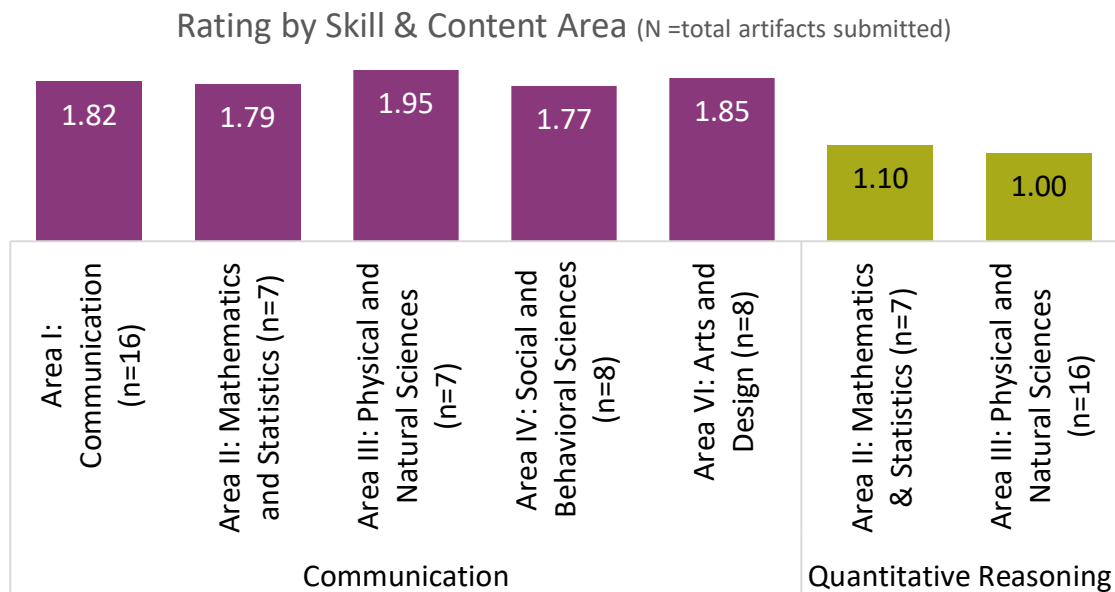|	Communication		Quantitative Reasoning	
	Small (n=38)	Medium (n=8)	Small (n=15)	Medium (n=8)
Rating	1.81	1.90	1.04	1.00

COM average ratings performed similarly in both 1000 and 2000 levels. QR average ratings also performed similarly in 1000 and 2000 levels.

7. Los Alamos Artifact Ratings by Essential Skill and Course Modality

Ratings by Modality (N =total artifacts submitted)

|	Communication			Quantitative Reasoning	
	In-Person (n=22)	Online (n=8)	Hybrid (n=16)	In-Person (n=15)	Online (n=8)
	1.81	1.90	1.82	1.04	1.00

COM average ratings performed similarly regardless of course modality. QR average ratings also performed similarly based on course modality.

8. Los Alamos Average Artifact Ratings by Essential Skill and Overall Content Area

Rating by Skill & Content Area (N =total artifacts submitted)

Communication					Quantitative Reasoning	
Area I: Communication (n=16)	Area II: Mathematics and Statistics (n=7)	Area III: Physical and Natural Sciences (n=7)	Area IV: Social and Behavioral Sciences (n=8)	Area VI: Arts and Design (n=8)	Area II: Mathematics & Statistics (n=7)	Area III: Physical and Natural Sciences (n=16)
1.82	1.79	1.95	1.77	1.85	1.10	1.00

For COM average ratings, all areas performed similarly approaching the Developing benchmark. For QR, similar ratings were observed in Area II and III but rated lower at the Emerging benchmark.

9. Los Alamos Average Artifact Ratings by Course Code

Rating by Skill & Content Area (N =total artifacts submitted)
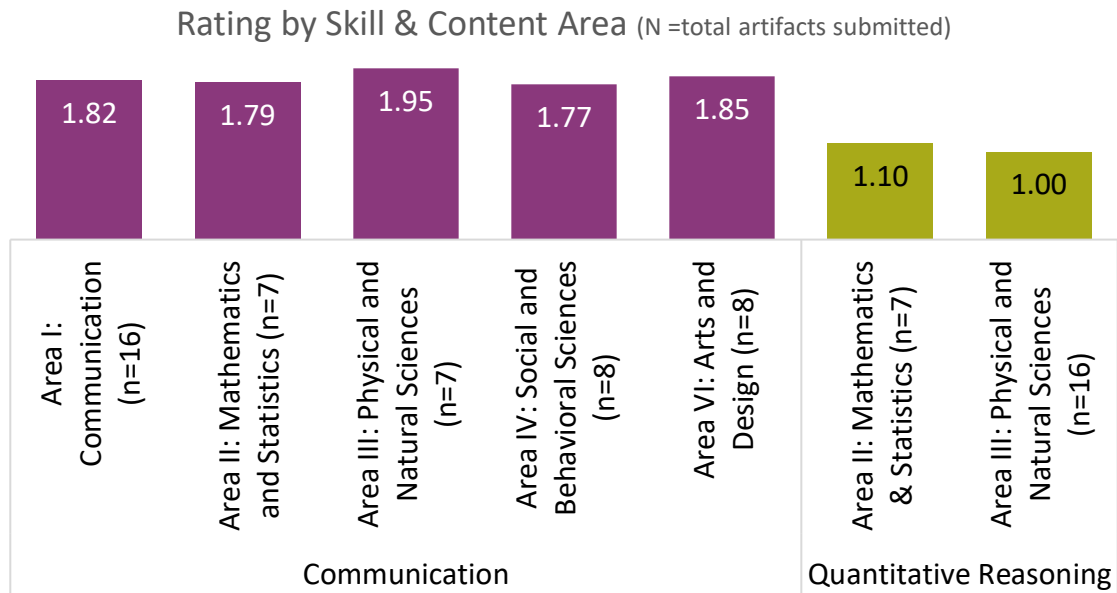
The average ratings in COM were similar in all courses represented. In QR, Biology and Math had similar average ratings.