Assessment Data Mathematical, Information and Computer Sciences
Computer Information Technology (ADC)

Learning Outcome:

PLO: Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).

GELO 1e: Quantitative Reasoning: Students will be able to solve problems that are quantitative in nature.

Outcome Measure: Annual: Each student will participate in the ETS Proficiency Profile exam.

Criteria for Success: 70% of the students will be Marginal or Proficient at Level 2.

Aligned with DQP Learning Areas (circle one or more):
1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

Longitudinal Data:

	Percentage of Students Marginal or			
	2017-18	2018-19	2019-20	2020-21
ETS Proficiency Profile Level 2 Quantitative Reasoning	60%	39%	50%	52%

Conclusions Drawn from Data: The program has now graduated several cohorts so it is possible to begin to look at longitudinal data. We are looking at the particular skills measured by this exam to see what skills need to be reinforced and to determine if this benchmark is appropriate for the CIT student population. Because these students transfer in their mathematical coursework, PLNU is not providing their mathematical education.

Changes to be Made Based on Data: None at this time. We will continue to monitor the results.

Rubrics
ETS Proficiency Profile (no rubric involved)