

Measurement and Analysis of Student Learning and Performance -- Analytical Thinking Program Learning Goal

Measurable Goal – What is your goal?

Analytical Thinking

Identify and evaluate implications of business decisions for organizational stakeholders and the natural environment. (University Goal #2 – Critical Thinking)

Students will:

- (1) clearly identify and articulate a problem
- (2) identify factors for assessing the problem
- (3) gather relevant information and data
- (4) correctly solve the problem

Initially assessed in BGEN 202 and master level assessed in BGEN 335.

What is your measurement instrument or process? – Do not use grades. Indicate type of instrument (direct, formative, internal, comparative)

Direct, Summative, Internal Simple Hypothesis testing process, as it relates to one- and two-sample hypothesis tests.

Analysis of Results – Analytical Thinking

Current Results – What are your current results?

A goal was set for 80% of students to achieve 70% or above. The data indicated that the majority received at least a 70% (satisfactory) or above.

Analysis of Results – What did you learn from the results?

An average of 85% of students received 80% or better showing a solid understanding of the concepts and applications related to hypothesis testing.

Action Taken or Improvement Made – What did you improve or what is your next step?

Students showed proficiency in statistical calculation and conceptual understanding but will devote more attention to interpreting Excel Megastats printouts for this concept.

Will ensure the master-level assessment in BGEN 335 is conducted for 25-26.