# #1. 2017 – 18 Undergraduate Program Assessment Plan: Gen Ed

**Department: Business & Mathematics**                                         Date:12/11/17

**General Education Committee has selected the following area for the 2017-2018 assessment cycle**:

## COMMUNICATION: to demonstrate effective communication skills for personal, academic and professional purposes.

**General Education Committee: Background: What factors caused the committee to choose this particular assessment outcome? If this outcome was selected because of a perceived problem, please explain**.

The committee selected this outcome based upon two criteria: 1) effective communication skills in a broad range of forms (including but not limited to written, oral, visual and technological media) is a key goal of our general education curriculum; 2) Difficulties specifically with written communication has become a concern of faculty across disciplines.

**Department:** *What student outcome will the department assess that addresses: "The student will be able to demonstrate effective communication skills for personal, academic and professional purposes?* Students will communicate, in written form, technical mathematical concepts in a manner that is understandable to all audiences.

**Department:** *What specific question(s) are you attempting to answer through assessing this student outcome? What are you trying to find out? There may be more than one question, but no more than three.*
Are students able to effectively communicate a correct mathematical argument?

**Methodology**:
1. *OBJECT\* - What data (i.e. artifact, exam score, detailed description of assignment) will be collected?* The data will be contained in an exam for Math 252
   a. *How does this data address the assessment question?*
      i. *Include/attach a description/example of assessment tool to be used*.
2. *How will data be collected?* The data will be collected through the administration of an in class exam given during the course of the semester.

**Analysis of Artifacts:** PERFORMANCE CRITERIA\* -
Discuss :

1) How the artifacts will be analyzed (attach rubrics/scoring tools if used): A four-point rubric will be applied to each of the outcomes. The four categories are Exceeds Expectations, Meets Expectations, Needs Improvement, and Unacceptable.

2) How you will know if it is good (i.e. score required by % of students): At least 80% of students will achieve a level of Meets Expectations or Exceeds Expectations.

**Submitted by: Andy Langewisch       Date: 12/11/17     Reviewed by the Assessment Committee (Date):**
**Department Chair notified approved or additional action needed: 12/14/17  Need rubric; Rubric Received - Approved 1/11/18**