

## Core Course Review Documentation

### Foundational Component Area: **MATHEMATICS**

**Component Area Option?** No

Yes – Cultural & Global Understanding

Yes – Undergraduate Inquiry & Creativity

**Proposed Course:**

**Credit Hours:**

**Proposed by:**

**Date:**

Please document how the proposed course meets each of the following requirements. (You may provide a written explanation or copy and paste the appropriate information from the syllabus.)

**Content:** *Courses in this category focus on quantitative literacy in logic, patterns, and relationships.*

**SKILLS:** *Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.*

**ASSESSMENT OF CORE OBJECTIVES:** *Assessments should be authentic, intentional and direct. The following three Core Objectives must be addressed in each course approved to fulfill this category requirement:*

**Critical Thinking Skills** - *to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information*

**Communication Skills** - *to include effective development, interpretation and expression of ideas through written, oral, and visual communication*

**Empirical and Quantitative Skills** - *to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions*

**ADDITIONAL INFORMATION:** Provide any additional information supporting course inclusion in the core (optional).

**PLEASE ATTACH THE FOLLOWING**

1. Syllabus
2. Assessment for Critical Thinking Skills
3. Assessment for Communication Skills
4. Assessment for Empirical & Quantitative Skills