**Name:** Click or tap here to enter text.

**FAU Email:** Click or tap here to enter text.

**Department Name:** Click or tap here to enter text.

**College:** Choose an item.

**Course prefix and number:** Click or tap here to enter text.

**Course title:** Click or tap here to enter text.

**Semester course offered (select all that apply):**

Fall: [ ]  Spring: [ ]  Summer: [ ]

**Total number of students expected in all sections per academic year:** Click or tap here to enter text.

**Is this a Gordon Rule Math Course?** Yes [ ]  No [ ]

**Are multiple sections offered?** Yes [ ]  No [ ]

**If yes, is there a common syllabus?** Yes [ ]  No [ ]  N/A [ ]

**If there is no common syllabus, how will the department/program maintain consistency of content and objectives in multiple sections?**

Click or tap here to enter text.

Mathematics is a peculiarly human endeavor that attempts to organize our experience in a quantitative fashion. It aids and supplements our intuitions about the physical universe and about human behavior. The Mathematics and Quantitative Reasoning requirement is intended to give students an appreciation of mathematics and to prepare them to think precisely and critically about quantitative problems.

**Course Description- Provide a course description that conveys the general content of the course, and identifies methods of instruction (e.g., lectures modeling, event experiences, discussions, small groups, simulations):**

Click or tap here to enter text.

**Describe the purpose of the course:**

Click or tap here to enter text.

For each of the Foundations of Mathematics and Quantitative Reasoning student learning outcomes listed below, please:

1. Describe explicit connections or linkages between the SLO and teaching/learning experiences (e.g., assignments, teaching methods, events, projects, displays, performances).
2. Explain how the outcome will be measured including a clear path for collecting and analyzing the data.
3. Describe how performance will be evaluated (e.g., rubric, sub-tests, ratings--as related to specific learning outcomes).

**Learning outcome #1: Identify and explain mathematical theories and their applications.**

Click or tap here to enter text.

**Learning outcome #2: Determine and apply appropriate mathematical and/or computational models and methods in problem solving.**

Click or tap here to enter text.

**Learning outcome #3: Display quantitative literacy.**

Click or tap here to enter text.