Memorandum

To: Academic Senate Review Committee
From: David J. Hunter, Chair, Mathematics and Computer Science
Date: 3/29/2008
Re: Catalog changes, Mathematics

I am writing to propose the following catalog changes.

1. Add the following text to the catalog description for MA 160/165. Additions are in **bold**.

   MA 160, 165 Fundamentals of Mathematics I, II (4,2) Not for credit toward mathematics major. Logic, sets, numbers, natural numbers, numeration systems, algorithms for arithmetic operations, geometry, probability. (GE Reasoning Abstractly for MA 160; Quantitative and Analytical Reasoning for MA 165) **MA 160** is a **prerequisite** for MA 165.

   *Rationale:* MA 165 requires a level of mathematical maturity that MA 160 develops. These courses were always intended to be taken as a sequence, primarily by Liberal Studies majors.

2. Strike the description for MA 80, Problem Solving I, and remove the "II" from the title of MA 180, Problem Solving II.

   *Rationale:* This matches current practice. MA 80 is a vestige of the Secondary Education track, which no longer exists, and the course hasn’t been offered for many years.

3. Add the following sentence to the end of the description for MA 180: “Does not satisfy the Breadth requirement for the mathematics major.”

   *Rationale:* While it is theoretically possible that a student could take MA 180 four times, it was never our intention that this would equate to an upper-division mathematics elective. However, the list of degree requirements is ambiguous in this regard.

I apologize for the late date of this proposal. Thank you for your consideration.