

Math 390 – Senior Seminar
Fall 2006

Instructor – Dr. Fraboni

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Office hours: Monday 11-12, Wed 1-3, Fri 10-11

Course Goals – The goal of this course is to serve as a capstone for your mathematical work here at Moravian. The successful students will gain a perspective on several fields of mathematics and how they interact, and will learn how to read professional mathematical writing.

Evaluation and Grading – The breakdown is as follows:

10% Class participation. This includes asking questions and providing feedback during other students presentations.

15% History of mathematics project. This includes a written and oral component.

15% Book discussions. Each student will be assigned one or more chapters from a pop-math book and will then lead a discussion on those chapters.

15% Article summary. Find an article in a field of mathematics that interests you, then provide a written summary as well as an oral summary to the class.

45% Final project. Find a problem in a field of mathematics that interests you and attempt to solve the problem, generalize another's solution, or in some other way make meaningful progress with the problem.

Attendance – Any absences will negatively impact your class participation score.

Learning Disability Accommodations – Students who have documented learning disabilities and wish to request accommodations for this class should contact Mrs. Laurie Roth, Director of Learning Services. Accommodations cannot be provided unless official documentation is received from the appropriate campus office.

Mathematics Department Academic Honesty Policy – The Mathematics Department supports and is governed by the Academic Honesty Policy of Moravian College as stated in the Moravian College Student Handbook. The following statements will help clarify the policies of members of the Mathematics Department faculty.

In all at-home assignments which are to be graded, you may use your class notes and any books or library sources. When you use the ideas or thoughts of others, however, you must acknowledge the source. You also may not use a solution manual or the help (orally or in written form) of any individual other than your instructor. If you receive

help from anyone other than your instructor or if you fail to reference your sources, you will be violating the Academic Honesty Policy of Moravian College. You may work with your fellow students on homework which is not to be graded. You are responsible for understanding and being able to explain the solution of all assigned problems, both graded and un-graded.

All in-class or take-home tests and quizzes are to be completed by you alone without the aid of books, study sheets, or formula sheets unless specifically allowed by your instructor for a particular test.