Math 1312: Introduction to Math Reasoning
Course Syllabus

Section number: This information applies to ALL face-to-face sections
Delivery format: face-to-face lecture

Prerequisite: credit for or placement out of **MATH 1310** or **MATH 1311**

Textbook: *Elementary Geometry for College Students* by Alexander and Koeberlein, 6th edition

The information contained in this class outline is an abbreviated description of the course. Additional important information is contained in the departmental policies statement at http://www.math.uh.edu/~dog/13xxPolicies.doc and at your instructor's personal webpage. You are responsible for knowing all of this information.

A student in this class is expected to complete the following assignments:
1 3 Regular Exams
2 Final Exam
3 Online Quizzes
4 Homework – on each section of the textbook covered in class
5 Poppers – in-class quizzes given daily starting the 3rd week of classes

- Homework 10%
- Poppers 10%
- Quizzes 10%
- Tests 51% (17% each)
- Final Exam 19%

Total: 100%

Some learning materials are found online on the CourseWare site at www.casa.uh.edu.

Introduction to Mathematical Reasoning Topic List

Chapter 1 —Line and Angle Relationships

1.1 Sets, Statements and Reasoning
1.2 Informal Geometry and Measurement