

MATH 2100, Honors MATH
Fall 2013 TR, 11:30-12:20 HU 173A

Instructor: Dr. Larry Smith SCNCE 111 283-7520 Larry.Smith@snow.edu <http://www.snow.edu/larrys>

Texts: *Mathematics: The Loss of Certainty* by Morris Kline ISBN-10: 0195030850
Zero: The Biography of a Dangerous Idea by Charles Seife ISBN-10: 0140296476

Objectives: We will wander across the mathematical landscape, stopping to explore in greater depth the wonders that tickle our fancy. Students will be able to demonstrate General Education Outcomes 3) Speak and write effectively, and 4) Reason quantitatively in a variety of contexts. Students will learn some history of mathematics and its current state.

Participation and Help: Participation in class discussions is very important. Answer and ask lots of questions. Also subscribe to the class e-mail list, LS-Blue. You are encouraged to see me during my regular office hours (MWRF 10:30-11:20), and at other times by appointment or by e-mail (either to me privately or to the class list). Students with medical, psychological, learning or other disabilities desiring accommodations or services under ADA must contact the Accessibility Resource Center (ARC). The ARC determines eligibility for and authorizes the provision of these accommodations and services for the college. For assistance, please contact the Accessibility Services Coordinator at 241 Greenwood Student Center, or (435) 283-7321, or Katie.larsen@snow.edu. For more detail see <http://www.snow.edu/larrys/ADA.html>.

Reading: Honors students are expected to keep up with the reading assignments and be prepared to discuss them in class. Quizzes may assess preparedness.

Homework: There will also be a few homework assignments, including some on the web.

Class Presentation and poster: Study a mathematical topic in depth and give a presentation on it to the class. The topic should not be merely historical or biographical, but should be some real mathematical topic. Also make a conference-grade poster on it for display at our class poster session. We'll do a practice poster session in class on the last day and then again that afternoon at the division seminar. This is an important and large part of the course.

Final Exam: The final is scheduled for Thursday, December 12, 12:00-2:00 p.m. in our classroom.

<u>Grading:</u>	Participation	10%	Quizzes	15%	Mid-term Test	15%
	Class Presentation	20%	Poster	20%	Final Exam	20%