

# Course Policies and Syllabus

<http://www.math.cornell.edu/~steinhurst/math1350f12/index.html>

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Lectures: Malott 406 TTh 8:40-9:55

Office Hours: Tuesdays 2-4 in Malott 582  
Office hours: Wednesdays 2-4 in Malott 216

**Course materials:** *Invitation to Cryptology* by Thomas Barr is the main text, and *The Code Book* by Simon Singh is optional but recommended for historical context. Articles and other ad hoc materials will be posted on the website as they come up.

**Academic Integrity:** The Cornell Code of Academic Integrity applies. You are being asked to think for yourself. Do not misrepresent someone else's work as your own. Do not use technological aids when disallowed. For homework assignments you may of course speak with other students or the Math Resource Center, however please indicate who you spoke to on your assignment.<sup>1</sup> For exams, keep your eyes on your paper or the ceiling. I will explicitly state on each assignment if you will not be allowed to use calculators. Devices with a data connection will not be allowed during any exam.

**Grading:** The final exam will be worth 40% of your final grade, each of the prelims will be worth 20%, and homework worth 30%. One homework assignment will be dropped (lowest scores first). Homework assignments are to be handed in during class. Late assignments will have 20% of their score deducted for each day late unless you have obtained an excuse from me before the due date. All written work is graded on the "can't read it, can't grade it" standard.

Homework is weekly and due every Thursday. Handwritten is fine as long as it is legible.

**Expectations:** I expect you to be in class on-time and prepared. You may bring drinks to class but please do not eat in the classroom. The amount of noise produced by even one or two wrappers being fussed with is enough to distract the entire class.

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<sup>1</sup>This is as much about finding out who is giving reliable assistance as it is about verifying your good conduct.

All section headings are from Invitatin to Cryptology.

August	23	Section 1.1
	28	Sections 1.1 and 1.2
	30	Sections 1.2 and 1.3
September	4	Section 2.1
	6	Sections 2.1 and 2.2
	11	Section 2.2
	13	Section 2.3
	18	Section 2.4
	20	Section 2.5
	25	Review
	27	Exam 1
October	2	Section 2.6
	4	Section 2.7
	11	Section 2.8 or 2.9
	16	Section 2.8 or 2.9
	18	Section 3.1
	23	Sections 3.1 and 3.3
	25	Section 3.3 and Review
30	Exam 2	
November	1	Sections 3.4 and 3.5
	6	Section 4.1
	8	Section 4.1
	13	Section 4.3
	15	Section 4.4
	20	Section 4.4
	27	Section 4.5
29	Quantum Cryptography	
December	TBA	Final exam