Math 4044: Fall 2016

Instructor: Andy Norton
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Office: 434 McBryde
Office Hours: M: 2-5 pm; T: 10-noon, or by appointment

Final Exam Date: Wednesday, December 14, 2:05-4:05

Course Content: Material from chapters 1-12 of *An Introduction To The History of Mathematics* by David M. Burton, Seventh Edition

Prerequisites: Senior Standing in Mathematics

Purpose: This course is designed for you to gain an appreciation for historical problems and methods in the development of mathematics. We will focus, in particular, on the historical development of Arithmetic, Algebra, and Calculus.

Grading Procedures: Homework will be assigned and collected once per week, except during the week of midterms and finals. Late homework counts half credit, and no homework will be accepted more than one week late or after the last regularly scheduled class day. This course is reading intensive. Weekly reading quizzes will be given for each of the twelve chapters we will read; the lowest two quiz grades will be dropped. There will be two exams: a midterm and a final exam. The midterm date will be announced at least one week in advance. Make-up tests will be given only in cases of documented serious illness. One term paper will be assigned. Details will be provided later.

Points will be awarded as follows:

Problem Sets (10 @ 2 points each):	20
Chapter Quizzes (10 @ 2 points each):	20
Historical Mathematics Problem Project:	20
Midterm Exam:	20
Final Exam:	20
Total:	100

Grades will be assigned on the following basis:

        90: at least A-
        80: at least B-
        70: at least C -
        60: at least D-

Honor System Policies: University policies concerning academic misconduct apply to this class and can be found at http://www.honorsystem.vt.edu/.

In particular, although you are encouraged to share ideas with your peers, you are not permitted to look at your peers' written homework proofs or to share your written proofs with them. *In working, or in preparing to work, homework problems (proofs), students may not consult partial or complete proofs completed by anyone else. This includes, but is not limited to, all sources on the Internet.* Googling is not learning and, in fact, can often circumvent the struggle that is necessary to learn. If you find that you continue to struggle unproductively, please see me during office hours or schedule a time to meet with me.