# MATH 4033: HISTORY OF MATHEMATICS

## Syllabus
### (Spring, 2012)

**Meetings:** T-TR, ENG North 514, 2:00-3:15pm

**Instructor:** William Jaco
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**Office Hours:** MWF, MSCS 402C (enter through 401), 2:00-3:00pm (or by appointment)

**Text:** *An Episodic History of Mathematics*
by Steven G. Krantz
Mathematical Association of America, 2010
ISBN:978-0-88385-766-3

**OSU SYLLABUS ATTACHMENT:** Please read the OSU syllabus attachment on the web at http://academicaffairs.okstate.edu/faculty-a-staff/48-syllabus-spring. This has a lot of important information, including instructions about disability accommodations. Please contact me privately early in the course if you need accommodations as the result of a disability.

**ABOUT THE BOOK:** The book takes the reader through a number of important ideas and advancements in mathematics and does it within their historical context. There is mathematics being done in the book, making it very different from what your typical experience is with a history class; however, this is precisely the strength of the authors presentation. He delivers just enough of the mathematics for us to appreciate the accomplishment of those who have preceded us in mathematics. It is important that you read the book and become aware of the material before class discussion. At the end of a class period, I plan to announce the section(s) from the book that will be covered in the next class period.

**ABSENCE/MISSED WORK:** You are encouraged to attend class; attendance will be taken. The course policy is to provide reasonable accommodation in the event that a student misses an assessment activity for a valid and documented reason. Hence, it is the student's responsibility to provide a valid, documented reason before any absence and to complete the assignment at a date agreed upon by the instructor and student; if prior notification is not possible, this should be part of the valid documentation. Do not assume you are eligible for a make-up Quiz or Exam unless I have explicitly approve such a request.

**ACADEMIC INTEGRITY:** Since all evaluation will be from in-class Quizzes and Exams, the primary counsel is to do your own work. Violation will be handled by the University Policy on Academic Integrity; for more information consult: Office of Academic Affairs, 101 Whitehurst, 405-744-5627,
http://academicintegrity.okstate.edu.

## EVALUATION:

**Exams:** There will be two in-class exams: Thursday, February 16, and Thursday, March 29. Each of these exams will be worth 100 points. The first will cover the material to that date and the second will cover the material since the first exam. A third exam will be given during the final exam period, Tuesday, May 1, 2:00-3:50pm, ENG North 514, and will cover the material since the second exam and will be during the final exam period. This third exam will be worth 100 points and will NOT be comprehensive.

   **Subtotal:** 300 points

**In Class Quizzes:** Every Thursday there will be a short (10 minute) in class quiz. In week (n+1) this quiz will cover material from the lectures in week n. There should b a total of 12 Quizzes. Each will be worth 20 points and the two lowest Quiz scores will be dropped.

   **Subtotal:** 200 points

**Total:** 500 points

**Final Grade:** A (90-100%); B (80-89%); C (70-79%); D (60-69%). If you have these percentages, then you are guaranteed the corresponding grade; however, there will be possibilities to improve your grade by extra credit problems on tests and the possibility of curving at the end of class.

### NOTES:
   (1) Changes may be made to this syllabus as course progress dictates. Any changes will be announced in class and (if possible) via e-mail.