History of Mathematics 3010     Modified 8/13/2017
Fall 2017

General Information
Instructor: Henryk Hecht

Days, Times, Location: MWF 11:50am - 12:40am in ST 208

Office Hours: MW 9:35am – 10:35am in 329 JWB (Mathematics Building), or by appointment

e-mail: hecht@math.utah.edu (please put “3010” in the subject).

Email is the best way of getting in touch with the instructor outside of classroom.

Website: http://www.math.utah.edu/~hecht/3010/

The purpose of the course is to give an overview of History Mathematics. Our approach is mostly subject oriented: we trace the development of mathematical subjects through history.

Some Books and Sources:

1. Textbook: “Mathematics and its history” by John Stillwell
   ISBN-10: 144196052X

2. Web Sources:
   "Story of Mathematics" -- http://www.storyofmathematics.com/
   "Mac Tutor History of Mathematics": -- http://www-history.mcs.st-and.ac.uk/
   and many other.

3. Information given in class.

Assignments:

Take-home assignments: given out, or posted on the website, approximately once a week. The lowest two scores will be dropped.

In class tests: total of 3. Dates are noted on the schedule spreadsheet. Lowest score will be dropped

Weekly in class quizzes (on Wednesdays, starting with the second one). Quizzes will be given at the end of the class period, and will last approximately 20 minutes. Two lowest scores will be dropped.
Two Papers. The topic of one of the papers should be a biography of a mathematician (with strong emphasis on Mathematics). The topic of the second paper: choose a subject in Mathematics and describe its development over the course in history. Both assignments require independent research. I would be glad to discuss your topic with you. Each paper should be approximately fifteen typed pages long (Mathematical formulas and geometric figures can be written in, or drawn by hand).

Final Examination

Grade Computation:

Each of the five types of assignments/exams will count 20% toward the final grade.

ADA Statement: The American with Disabilities Act requires that reasonable accommodations be provided for students with physical, sensory, cognitive, systemic, learning, and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any such accommodations for the course.