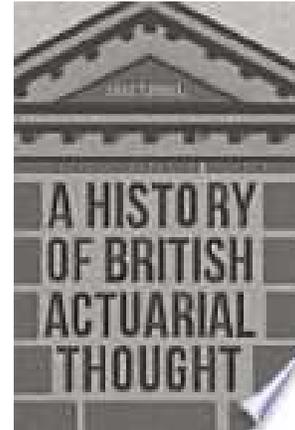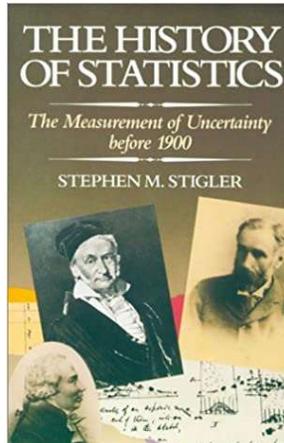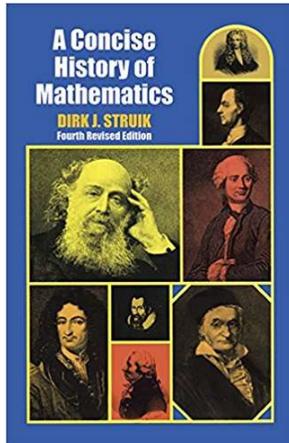# MAT485 History of Mathematics   Dr. May Boggess
Fall 2020 Tuesday-Thursday 9:00-10:15am   may.boggess@asu.edu

These three books are standards in the history of mathematics, statistics and actuarial science:

1. A Concise History of Mathematics, by Dirk J. Struik
2. The History of Statistics: The Measurement of Uncertainty before 1900, by Stephen M. Stigler
3. A History of British Actuarial Thought, by Craig Turnbull

Lectures will be overviews of the historical development of ideas across all three majors, research techniques and writing skills.

Assessment will entail four projects, each being a paper and an accompanying class presentation. The first paper will be based on a chapter of Struik's book, as understanding key concepts, such as the development of idea of a function, is fundamental all types of mathematics. The second paper will be on a chapter of any of the three books, depending on your major. The final two papers will be on the historical development of an idea of your choice.

To assist students with writing and presentation skills, draft meetings (one-on-one, 30 minutes) will be held the week before the paper/presentation date.