MAT/STA 587 Fall 2017 Professional Development Seminar

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Prerequisites: graduate status.

Description: Designed to assist you in preparing for entry into your professional arena. Pass-fail only.

Learning outcomes:

The course has two main components.

1. Supplementary Skills:

- Mastery of TEX to write technical mathematics.
- Figure creation (Tikz).
- Writing of professional abstracts and short technical papers.
- Creating a presentation using Beamer.
- Creating a personal web page.
- Research methods (preprint server, Mathscinet, Zentralblatt, google scholar, Elsevier, etc.).
- Journal selection for publications.
- Conferences.
- Online software (geogebra, cloud.sagemath, overleaf).
- RStudio
- Basic programming (if time permits)

2. Career Orientation:

- Discussion of the three main options: continue on for a PhD, teach at a college or university or work in industry.
- Writing a CV.
- Writing an application cover letter.
- Invitation of mathematicians and statisticians from industry, and from the community college system to talk about what they do.
- Preparation for an interview.

Grading:

Attendance and timely completion of all assigned tasks will earn a grade of P.

All the information on this syllabus are subject to change and any class announcements regarding the syllabus are considered official amendments to it. This syllabus and other information is available on the course web page.