Syllabus for MFM 5012

chris bemis

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This course is the second of the 5011-5012 sequence in the Masters in Mathematical Finance program. The objective of the current course is to introduce core ideas behind statistics and optimization, especially as motivated by modern financial mathematics.

Class Location and Time

We will meet on Thursdays from 1/19/2016 to 5/4/2016, with the final held on 5/11/2016. Class time will be from 5:30-8:50 in Keller Hall 3-115.

Contact

I will hold office hours. After class on Thursday and in Vincent Hall after 8:50 on Tuesdays.

In addition, you may contact me at

bemis(at)math(dot)umn(dot)edu

Include this exact subject line:

MFM 5012

in your subject line, or I will not necessarily see your communique.

Course Website

The course website may be accessed from my homepage:

www.math.umn.edu/~bemis

Here you will find your assignments, lecture slides, and announcements. You will be expected to check this site regularly for updates.
Texts

The course text is my own set of notes as a prepublication draft. Other helpful texts include:


Assignments

Ten homeworks will be assigned. These will be assigned and due approximately weekly. Your grade will only include the scores from your top nine homeworks. For homeworks, I do not mind collaboration. However, all final work must be your own. I will not grade homeworks that are near identical - a distinction I reserve the right to make.

Tests

There will be a midterm during week eight of the term on 3/9/16. There will be a final on 5/11/2016.

Grading

Your final grade in this course will be determined by a weighted average of your homework grades, the midterm, and the final; viz.,

\[
\text{Grade} = 0.65 \cdot \text{Homework Score} + 0.15 \cdot \text{Midterm} + 0.20 \cdot \text{Final}
\]

Grading will conform to the University’s definitions and will be curved.

**University Policies** Inquiries regarding any changes of grade should be directed to the instructor of the course; you may wish to contact the Student Conflict Resolution Center (SCRC) in 211 Eddy Hall (624-7272) for assistance.

Students with disabilities that affect their ability to participate fully in class or to meet all course requirements are encouraged to bring this to the attention of the instructor so that appropriate accommodations can be arranged. Further information is available from Disabilities Services (230 McNamara).

University policy prohibits sexual harassment as defined in the December 1998 policy statement, available at the Office of Equal Opportunity and Affirmative Action. Questions or concerns about sexual harassment should be directed to this office, located in 419 Morrill Hall. The University Senates academic policies are available at

http://www1.umn.edu/usenate/usen/policies.html

The Universitys Student Conflict Resolution Center website is

http://www1.umn.edu/sos/index.html