Financial Risk Management FRE-6123

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Course description

This course provides an overview of the tools of the financial risk management profession, focusing on banks, but including lectures related to non financial corporations as well (14 weeks + final exam).

The approximate coverage area and topics of the course are the following:

- Market risk Measurement and Management (5-6 weeks)
- Credit Risk Measurement and Management (4-5 weeks)
- Operational Risk Management, including Model Risk Management (1 weeks)
- Bank Capital Management (1 weeks)
- Risk Management for the Buy Side (1 week)
- Risk Management for Non-Financial Corporations (1 week)
- Commodity Risk Management

Prerequisite: Graduate Standing.

Required texts: The Global Association of Risk Professionals (GARP) has agreed to provide textbooks at cost to students. There are four texts in the Financial Risk and Regulation Series, *Market Risk Management, Credit Risk Management, Operational Risk Management and Bank Risk Management*. You may pick up textbooks from Professor Shimko. Other materials will be announced, provided and attached on NYU classes.
NYU classes: Assignments will be posted on NYU classes. The class occurs on Weds, 10-12.30, room 214 Rogers Hall.

Recommended software: Please bring your laptops to every class. You will need Excel; having and using Python too would be highly advisable, (but not obligatory)

Homework: Homework for each module is due before the next class begins. For example, the first week problems are due before the second lecture begins. Late homeworks will be penalized.

Grading: There will be a one hour midterm (100 points) and a two hour final (200 points). There will be ten homework assignments worth of 10 points each.

Mixed classes policy: If you need to miss a class, please let me know in advance, including the reason. Final exam could not be missed, unless you have a very serious reason, as medical emergency.

Office hours: After class as needed, or by appointment.

NYU prerequisites: None for FRE students