SYLLABUS: FINA 6325 – OPTIONS & FUTURES

Catalog Description: Introduction to options, futures, and other derivative securities. Topics include option valuation models, principles of forward and futures pricing, structure of markets for derivative securities, and strategies for hedging and speculation.

Prerequisite(s): FINA 6320 or equivalent

Course Objectives: After this class the student should have an understanding of:

Theories and practices of derivative securities.

Application of Excel for quantitative analysis.

Current Textbook: Textbook and/or selected readings and other materials are the responsibility of the instructor of record and will be specified on a semester-by-semester basis in the course syllabus.

Evaluation Process: Evaluation is the responsibility of the instructor of record and will be specified on a semester-by-semester basis in the course syllabus.

Required Course Content:

The structure of options markets
Regulation of options markets
Principles of option pricing
Option pricing models
Basic option strategies
Advanced option strategies
The structure of forward and futures markets
Regulation of futures markets
Principles of spot pricing
Principles of forward and futures pricing
Futures hedging strategies
Advanced futures strategies

Optional Course Content:

Options on futures
Swaps and other interest rate agreements
Advanced derivatives

Course Curriculum Coordinator: Dr. Paul Haensly