



The MIT/Merrill Lynch Investments Course and FTO

MIT Sloan Faculty Retreat

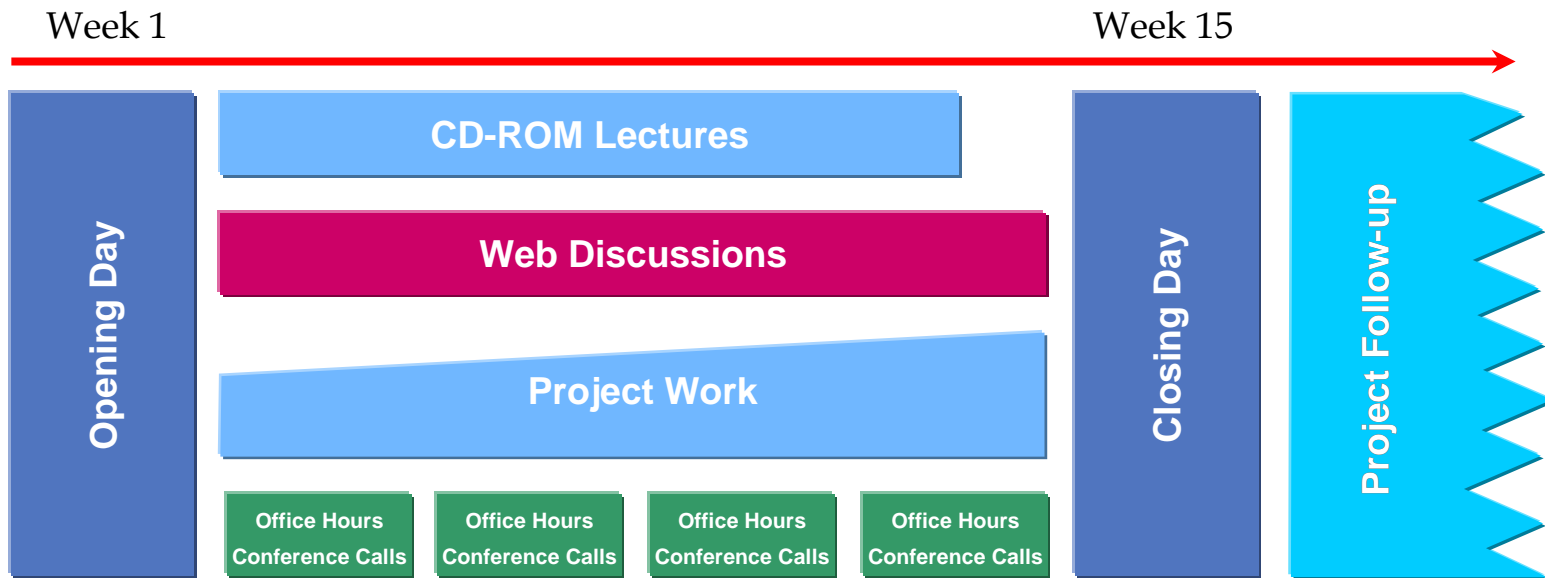
Building the 21st Century Business School

November 18, 2005

MIT/ML Investments Course

Distance Learning Initiative for Mid-Level Managers

- Live and CD-ROM lectures, office hours, projects
- Team presentations to senior management and faculty
- Implementation of best projects, internal follow-up



MIT/ML Investments Course

2005 Projects:

1. Commodity Correlation Desk
2. Client-Management Dashboard
3. HELOC Conduit
4. Capital Structure Arbitrage Desk
5. Mezzanine Financing for European SMEs
6. Global Arbitrage Incubator
7. New Equity Coverage Model for Mid-Tier (Bronze) Accounts
8. Multi-Strategy Systematic Hedge Fund
9. Sales Desk for Small and Medium Sized Hedge Funds

MIT/ML Investments Course

Participants:

MIT

Deborah Ancona
Andrew Lo
Don Lessard
Mary Schaefer
Svetlana Sussman
Toby Woll

Merrill Lynch

Dow Kim
Tom Wilson
Kathleen Goldreich

Otter Group

Kathleen Gilroy
Glen Mohr

MIT Financial Technology Option

Initially a Collaboration Between Sloan and EECS:

- Certificate program for EECS and other Ph.D. students
- Participants take 8 courses (4 finance/4 technology)
- Receive FTO certificate, inclusion in resume book
- Various placement activities (on-campus, externships)

	Sept 2001	Sept 2002	Sept 2003*	Sept 2004**	Sept 2005
Total Enrolled	36	53	101	59	70
Most Common Home Depts	EECS Math Mech Eng	EECS Chem Eng	EECS Chem Eng Mech Eng Mats Sci Physics	EECS Chem Eng Mech Eng Mats Sci	EECS ESD Chem Eng CEE Sloan Physics

MIT Financial Technology Option

Finance Core:

- 15.407 – Finance Theory
- 15.408 – Investments
- 15.437 – Options and Futures

Finance Elective (at least one):

- 15.434 – Corporate Finance
- 15.440 – Finance Theory
- 15.442 – Empirical Finance
- 15.451 – Proseminar in FE

Technology Courses (at least two of):

- Algorithms
- Numerical methods
- Computer systems
- Probability and statistics
- Optimization
- Mathematical/engineering modeling or other finance-related technology area

MIT Financial Technology Option

FTO Employers and Internship/Externship Sponsors

Acadian Asset Management

AlphaSimplex Group

Amaranth Advisors

Azimuth Alternative Assets

Barclays Capital

Barclays Global Investors

Birinyi Associates

Blackrock Solutions

BNP Paribas

Bowery Capital

Castor Pollux Securities

Citadel Investment Group

Credit Suisse First Boston

Deutsche Bank

Fort Hill Capital Management

Goldman Sachs & Co

John Hancock Financial Services

Knight Trading Group

Lehman Brother

McKinsey & Company

Merrill Lynch

National Bank of Canada

Orbis Investment Management

Pimco

RIS Consulting

Rosenblatt Securities

State Street Global Advisors

Swiss Re

Two Sigma Investments

MIT Financial Technology Option

Participants:

Sloan

Don Lessard
Andrew Lo
Debra Luchanin
Mary Schaefer
Svetlana Sussman
Jiang Wang

EECS

John Guttag
Tomas Lozano-Perez
John Tsitsiklis