



CERGE-EI Master of Arts in Applied Economics

Course Description

1. Course Name

Applied Investment Analysis

2. Abbreviation

AIA

3. Code

XXX

4. Core or elective

Elective

5. Number of credits

Three credits (U.S. system)

6. Scheduled class meetings

Four teaching hours per week: two 90-minute class meetings per week.

Possible exercise session: one 90-minute meeting per week.

7. Outline

This course is real-world finance training program created through a partnership with Wall Street Prep which is a leading training provider for investment banks (i.e. Goldman Sachs, UBS) and consulting firms on Wall street. The students complete the course by taking the Wall Street Prep Certification of Financial and Valuation Modeling Exam at the end of the course. Upon successful completion, the students may place this credential on their resume.

The students gain hands-on experience and technical knowledge to develop “Wall Street” financial skills in preparation for a career in finance. Using a combination of videos, physical manuals and Excel model templates, the training program teaches students how to build, analyze, and interpret financial models in a step-by-step fashion on their own, at their own pace. The program utilizes a case study format, as students follow their tutorial guide alongside the Excel model templates, and are directed to the appropriate external documents (SEC filings, research reports, etc.) in order to build comprehensive models the way they would on the job.

The class is designed as a blended course. The students work online with the WSP materials and meet “offline” with the instructor twice each week. During the first meeting at the beginning of the week, the instructor outlines the material and highlights the critical parts. During the second

meeting at the end of the week, the instructor answers questions, clarifies concepts and assigns additional supportive material as needed.

The online lectures blend pedagogical best practices into an online platform which enables students to learn intuitively and efficiently. Using industry-wide best practices, the lecture summaries and progress assessments allow the students seamlessly retain and reinforce major concepts.

Target Audience are students pursuing careers in:

- Investment banking
- Business development
- Consulting
- Corporate finance
- Credit research
- Equity research
- Capital markets
- Asset Management
- Private equity
- Project finance
- Venture capital
- Public finance

Course Structure

This course is split into two modules: Foundational Module and Financial & Valuation Modeling Module. The Foundational Module builds the foundational knowledge for those who do not have any accounting, excel, or finance knowledge as well as those seeking a refresher. The Financial & Valuation Modeling Module is the core of this class and contains the courses for the final certificate program.

- a) Foundational Courses
 - i) Accounting and Financial Statement Analysis
 - ii) Excel (2007, 2013)
 - iii) Navigating Financial Reports
 - iv) Corporate Finance

- b) Financial & Valuation Modeling Courses (*Certificate Program*)
 - i) Financial Statement Modeling
 - ii) DCF Modeling
 - iii) LBO Modeling
 - iv) M&A (Accretion/Dilution) Modeling
 - v) Trading & Transactions Comparable Modeling
 - i) Acing the Behavioral Finance Interview

8. Textbook

Wall Street Prep Material