



APPLIES TO ACADEMIC YEAR 2007/2008

GRA 6538 Applied Valuation

Program

Master of Science in Business and Economics, Master of Science in Business and Economics (Finance), Master of Science in Financial Economics, Specialization Course

Responsible for the course

Bruno Gerard

Department

Financial Economics

Term

According to study plan

ECTS Credits

6

Language of instruction

English

Objective

The central objective of this course is to establish a framework that puts you in a position to make managerial decisions based on an understanding of corporate value creation, corporate value destruction, and on how to enhance the former while avoiding the latter. Case discussions and visitors will be used to illustrate how corporate valuation is related to managerial decision making.

The course builds on the valuation concepts and skills developed in the core Theory of Finance course (GRA6533). We will revisit all the valuation techniques that you were exposed to in the core course and introduce some new techniques. The emphasis will be to establish a good understanding of when one valuation technique works better than another.

To accomplish this, we will examine corporate valuation in a variety of settings: Initial Public Offerings, large investment projects, mergers and acquisitions, emerging markets, and private equity. The main insights will emerge from the process of making and defending your decisions based on the corporate valuations you will be doing throughout the course.

At the end of the course you should be able to:

- See the relationships between value estimates, bidding strategies, and market values.
- Master the following valuation approaches: Enterprise Discounted Cash Flow (DCF), Adjusted Present Value, Equity DCF, traded- and transaction multiples.
- Understand when and why a particular valuation approach may be better than other in a particular situation.
- Structure an investment using project financing.
- Analyze historical performance and understand the importance of value drivers.
- Understand why Economic Value analysis (such as EVA) is a useful management/consulting tool.

Prerequisites

GRA 6540 Applied Finance or GRA 6533 Theory of Finance, or equivalent.

Compulsory literature

Books:

Benninga, Simon Z. and Oded H. Sarig. 1997. Corporate finance : a valuation approach. New York: McGraw-Hill

Koller, Tim, Marc Goedhart and David Wessels. Valuation : measuring and managing the value of companies. 4th ed. Hoboken, N.J. : Wiley

Collection of articles:

A set of six business cases. The cases will be available online at the beginning of the course.

Other:

Students are required to read and work with one of the two compulsory books. The choice of the book is left to the student

Recommended literature**Books:**

Damodaran, Aswath. 2002. Investment valuation: Tools and techniques for determining the value of any asset. 2nd ed. New York: Wiley

Course outline

- Introduction to corporate valuation. Four lectures on Discounted Cash Flows, cost of capital and Multiples valuation.
- Six classes using business cases. The cases are used to explore issues related to corporate valuation in settings that includes Initial Public Offerings, large investment projects, mergers and acquisitions, and Leveraged Buyouts/Management Buyouts.
- Two classes with visiting speakers from the private equity industry and a major consulting firm.

Computer-based tools

Extensive use of Excel spreadsheets for case solution, Blackboard/homepage

Course structure

Lectures and case discussions, 36 hours

In this course class attendance is mandatory. Unexcused absence can result in a lower score. Specific Information regarding student evaluation will be provided in class.

Please note that it is the students responsibility to obtain any information provided in class that is not included on the course homepage/Blackboard or text book. Homepages and/or Blackboard are not designed for the purpose of students who choose not to attend class.

Evaluation

Your course grade will be based on the following activities and weights:

60% Class work (in the form of a mix of some/ all of the following: hand in of case write ups, projects, and homeworks; in-class mid-term; case presentations and discussions, as well as class participation).

40% exam (two hours). Both parts of the evaluation need to be passed in order to get a grade in the course.

Evaluation code(s)

GRA65383 class work and exam accounts for 100% of the final grade in the course GRA 6538.

Aids at the examination

Advanced Calculator. Bilingual dictionary.

Support materials at written examinations are explained under exam information in our web-based student handbook. Please note use of calculator. <http://www.bi.no/studenthandbook>.

Makeup exam

Re-takes are only possible at the next time a course will be held. When course evaluation consists of class participation or process elements, the whole course must be re-evaluated when a student wants to retake a exam. Retake examinations entail an extra examination fee.

Honor Code

Academic honesty and trust are important to all of us as individuals, and represent values that are encouraged and promoted by the honor code system. This is a most significant university tradition. Students are responsible for familiarizing themselves with the ideals of the honor code system, to which the faculty are also deeply committed.

Any violation of the honor code will be dealt with in accordance with BI's procedures for cheating. These issues are a serious matter to everyone associated with the programs at BI and are at the heart of the honor code and academy integrity. If you have any questions about your responsibilities under the honor code, please ask.