

CORPORATE FINANCE

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Number of ECTS credits : 4

Teachers : KALAITZOGLOU Iordanis

≡ COURSE DESCRIPTION

This module aims at addressing the key aspects of business valuation in the current economic climate. The first part focuses on the contexts of evaluation, the main methods and the importance of the evaluation process. An important part is devoted to the cost of capital and the components of various sources of capital. It is then possible to present the main evaluation methods and implement them in practical examples and actual case studies. Some case studies are carried out by professionals. The final session will open the debate through a reflection on the contributions and limitations of the method of real options.

≡ COURSE OBJECTIVES

At the end of this module, students should be able to:

- Compute the WACC and its components
- Use different techniques to value a firm
- Understand, search-seek and extract relevant information from various data sources
- Extract Information from the main financial statements
- Update and Adjust current figures
- Estimate Discount Rates
- Estimate Cash Flows
- Estimated Discount Rates
- Decide on what is the most appropriate evaluation for different companies
- Develop a group report

≡ LEARNING GOALS

OLD30 - Evolve : Develop skills from one's own experience and from that of others

OLD31 - Evolve : Make improvements in terms of one's behavior

≡ TACKLED CONCEPTS

- Discount Rates
 - o Cost of Equity
 - o Cost of Debt
 - o WACC
- Estimate Cash Flows
 - o Measure and Update Earnings
 - o From Earnings to Cash Flows
- Estimate Growth
 - o Stable
 - o 2-stage Growth Models
 - o 3-stage Growth Models
- Relative Valuation
 - o Earnings Multiples
 - o Book Value Multiples
 - o Sales Multiples
- Real Options
 - o Option to Expand
 - o Option to Abandon
 - o Option to Delay
 - o Equity as an option to liquidate

≡ LEARNING METHODS

10 x 3 hour lectures will be used to introduce new material and to expand areas of financial theory but much of the learning will be done through case study work. Students will be required to analyse a situational problem and to put forward a solution for discussion.

≡ ASSIGNMENTS

Mid-term exam : Group Coursework 30% of the final mark

Final Exam : Written Exam, 70% of the final mark, open book, calculator needed

For the group project, you will know your group and group members by the end of the first week of the module.

Late submissions will be penalized by 10%/day (max 30%) reduction of the final grade.

≡ BIBLIOGRAPHY

Damodaran on Valuation, Willey, 2nd edition <http://www.scholarvox.com/reader/index/docid/10051129/searchterm/damodaran>

Investment Valuation, A. Damodaran, Willey, 2nd edition

Corporate Finance, European edition, HILLIER et al., 2010

≡ EVALUATION METHODS

30 % : Team Project (presentation and report)

70 % : Examen final

≡ SESSIONS

1 Introduction LECTURE : 03h00

2 DCF I LECTURE : 03h00

- Discount Rates
 - o Cost of Equity
 - o Cost of Debt
 - o WACC
 - o Case Studies

3 DCF II LECTURE : 03h00

- Estimate Cash Flows
 - o Measure and Update Earnings
 - o From Earnings to Cash Flows
 - o Case Studies

4 DCF III LECTURE : 03h00

- Estimate Growth
 - o Stable
 - o 2-stage Growth Models
 - o 3-stage Growth Models

5 DCF case studies LECTURE : 03h00

- DCF Examples - Complete Case Studies – Full Valuations

6**Relative valuation**LECTURE : 03h00

- Introduction to Relative Valuation
 - o Earnings Multiples
 - o Book Value Multiples
 - o Sales Multiples
-

7**Relative valuation case studies**LECTURE : 03h00

- Relative Valuation and DCF Examples - Complete Case Studies – Full Valuations
-

8**Real options**LECTURE : 03h00

- Introduction to Real Options
 - o Option to Expand
 - o Option to Abandon
 - o Option to Delay
-

9**Real options case studies**LECTURE : 03h00

- Equity as an option to liquidate
 - Real Option, Relative Valuation and DCF Examples - Complete Case Studies – Full Valuations
-

10**Recoup and Revision**LECTURE : 03h00

Number of ECTS credits : 4

Teachers : NOCERA Giacomo

≡ COURSE DESCRIPTION

The course deals with the theory and the application of portfolio management techniques.

The aim is to survey the major theories, tools and results in portfolio management.

As the course emphasizes not only the theory, but also its practical application, by the end of this course, students are expected to have a good understanding of the asset management market, the financial instruments, and the market practitioners' terminology.

In addition, they should be able to develop a fair knowledge and understanding of key issues in asset allocation and portfolio composition and management and to implement adequate portfolio management strategies.

The course is designed to cover most of the "Portfolio Management and Wealth Planning" topic area and many concepts of some of the other topic areas of the CFA Candidate Body of Knowledge.

≡ COURSE OBJECTIVES

The main objective of this course is to learn the key theory with practical applications relevant to portfolio management.

After completing this course students will be able to:

- Measure and manage portfolio risk and return
- Select and monitor an investment and build a portfolio
- Practically understand and apply asset pricing basics

≡ LEARNING GOALS

OLD28 - Influence : Bring about change and innovation within the company

≡ TACKLED CONCEPTS

Portfolio mathematics

Risk - return - utility functions

Asset pricing models

Index models

Portfolio performance evaluation

Passive and active portfolio management

Allocation of funds to portfolios

≡ LEARNING METHODS

Lectures

Practical lab applications

Team project

Homework and self-assessed work

Classroom discussion

≡ ASSIGNMENTS

Mid-term exam

Group coursework

≡ BIBLIOGRAPHY

Z. Bodie; A. Kane; A.J. Marcus, Investments. McGraw-Hill International

≡ EVALUATION METHODS

40 % : Individual Written Assignment 10% + Team Project (presentation and report) 30%

60 % : Examen final

≡ SESSIONS

1 Introduction: the asset management industry

LECTURE : 03h00

This session offers a description of the course (aims and objectives, teaching and learning methods, topics to be covered, class rules) and provides an introduction to the asset management industry.

2 Quantitative tools for portfolio management

LECTURE : 03h00

This session is devoted to a review of the quantitative tools: the basics of return calculation, a review of basic statistics, regression analysis, and matrix algebra.

3 The mean-variance framework

LECTURE : 03h00

This session introduces the concepts of return and risk as the main inputs of any asset allocation strategy and highlights the advantage (and the drawbacks) of using expected returns and variance of returns as the only indicators of return and risk. It also shows how individuals' preferences can be represented in such a mean-variance framework.

4 Portfolio Selection: the theory

LECTURE : 03h00

This session presents the Markowitz's model and shows how to build the optimal portfolios by using (i) 2 risky assets; (ii) a risky asset and a riskless one; (iii) n risky assets; (iv) n risky assets and a riskless one. It also shows how investor's preferences enter the portfolio selection.

5 Portfolio Selection: MS Excel application

LECTURE : 03h00

This session completes the previous one by showing how to generate the efficient frontier of financial portfolios using real data on Excel. The quadratic optimization approach (through Excel solver) is discussed.

6 CAPM and index models

LECTURE : 03h00

In this session the Capital Asset Pricing Model, a centerpiece of the modern financial economics, is introduced and discussed critically. This session also introduces the index models (single-index and multi-index models), their advantages and limitations, how to estimate them and how to interpret this information. Practical examples of index model applications are presented and the link between the market model and the CAPM is discussed.

7 APT and multifactor models of risk and return

LECTURE : 03h00

In this session the Arbitrage Pricing Theory is outlined. The Fama-French multifactor model of risk and return is introduced and compared to the standard CAPM.

8 The frontiers of portfolio diversification

LECTURE : 03h00

This session illustrates the benefits of a portfolio diversification across different markets, sectors, and different asset classes. An analysis of the main alternative asset classes is provided.

9 Practical issues in portfolio management (I)

LECTURE : 03h00

This session deals with some practical issues in portfolio management: the rationale of the existence of different mutual funds, the need for benchmarks, the costs and benefits of two alternative investment approaches (active vs passive portfolio management), the performance evaluation measures (risk adjusted measures such as the Sharpe ratio, the Treynor ratio, the Jensen's alpha, the appraisal or information ratio are presented).

This session completes the previous one as it deals with the performance analysis of mutual funds and shows the standard approaches to decompose performances and identify investment styles. It also discusses the modern portfolio management process and its ethics as well as the different stages of the portfolio process. Finally, it deals with the remuneration of the asset management activity, through an analysis of the management fees and the mutual funds' expense ratios.

Number of ECTS credits : 4

Teachers : BEDENDO Mascia

≡ COURSE DESCRIPTION

The first part of the course covers credit derivatives (both single-name and structured products) and the market pricing of credit risk. The second part of the course deals with the measurement of market risk (Value at Risk, Expected Shortfall) in portfolios of financial assets.

≡ COURSE OBJECTIVES

The course aims at providing a technical and hands-on approach to credit risk and market risk measurement. At the end of the course students should be able to extract information on the credit quality of an entity from market prices of bonds and credit derivatives. In addition, they should be able to estimate the market risk of a portfolio of assets in terms of Value at Risk and Expected Shortfall.

≡ LEARNING GOALS

OLD27 - Influence : Influence stakeholders

≡ TACKLED CONCEPTS

Financial concepts:

Credit risk and credit derivatives. Market pricing of credit risk. Structured credit products. Market risk measures: Value at Risk and Expected Shortfall.

Technical tools:

Multivariate distributions. Principal component analysis. Historical (non-parametric) simulation. Monte Carlo simulation. Bootstrapping techniques and calibration. Poisson default processes. Correlation modeling.

≡ LEARNING METHODS

Standard Lectures. Exercises. Computer-based applications.

≡ ASSIGNMENTS

One mid-term group empirical assignment (groups of 5 students)

The mid-term assignment accounts for 30% of the final grade. The final exam (exercises and open questions) accounts for the remaining 70% of the grade.

≡ BIBLIOGRAPHY

Textbook: "Options, Futures, and Other Derivatives", John C. Hull, Pearson Education

"Risk Management and Financial Institutions", John C. Hull, Wiley.

Primary reading material: Instructor's slides, exercise sets, programming examples.

≡ EVALUATION METHODS

30 % : Contrôle continu 30% (Team Project (presentation and report))

70 % : Examen final

≡ SESSIONS

1

Credit risk components

LECTURE : 03h00

Credit risk. Credit risk components: Country risk, sector risk, firm-specific risk. Recovery rates. Credit risk and the business cycle.

2 Market measures of credit risk

LECTURE : 03h00

Market measures of credit risk: Bond yields and credit default swap spreads. An introduction to credit derivatives.

3 Credit default swaps

LECTURE : 03h00

Credit default swaps pricing: The asset swap approach and the full valuation approach.

4 Reduced-form models of credit risk

LECTURE : 03h00

Default-intensity or reduced-form models. Bootstrapping default probabilities from CDS spreads and bond prices. Liquidity risk premium.

5 Structured credit products

LECTURE : 03h00

Default correlation and structured credit products: Mortgage-backed securities, Collateralized debt obligations, asset-backed securities. Structured products mispricing in the financial crisis.

6 Market risk

LECTURE : 03h00

Market risk. Dimension reduction techniques. Principal component analysis and applications.

7 Value-at-Risk: parametric

LECTURE : 03h00

Value at risk. Parametric approach: volatility and correlation estimation.

8 Value-at-Risk: non-parametric

LECTURE : 03h00

Value at risk. Simulation approaches: Historical simulation and Monte Carlo simulation.

9 Expected Shortfall

LECTURE : 03h00

Beyond Value at risk: Expected shortfall. Backtesting and stress-testing of VaR and ES.

10 Regulation

LECTURE : 03h00

Market risk and credit risk regulatory developments. Counterparty risk.

Number of ECTS credits : 4

Teachers : GIRARD Carine

≡ COURSE DESCRIPTION

The aim of this course is :

- To make a global diagnostic of the firm
- To acquire and to use the legal, financial and tax techniques allowing to finance, develop and pass down a firm

≡ COURSE OBJECTIVES

After this course, the students will be able :

- To understand the main tools of financial engineering
- To drawn up in deep diagnostic of the firm
- To understand the functioning of main public offers

≡ LEARNING GOALS

OLD27 - Influence : Influence stakeholders

OLD28 - Influence : Bring about change and innovation within the company

≡ TACKLED CONCEPTS

Free Cash Flow Theory, Pecking Order Theory, building an empire, Agency Theory

Leverage

Corporate Governance

Shareholder wealth

Post and Pre-money value

Control Premium and exit premium

IRR

Dividend Per Share

Pay-out ratio

Pre-emptive rights

Convertible bonds

Senior and junior debt

Covenants

Management package

Merger and Acquisition

Poison pills

IPO, BOSQ, LBO, BIMBO, LBI, OBO, LBU

Venture capital – Crowdfunding – Investment capital

Due diligence, preferred shares, shareholder agreements, earn-out amendment.

Securitization

Solvency II

≡ LEARNING METHODS

Cases

≡ ASSIGNMENTS

Howework before every session

≡ BIBLIOGRAPHY

Ingénierie financière - P. Gensse et P. Topsacalian, 2004, Ed. Economica

Techniques d'ingénierie financière - Pratique et méthodologie des montages financiers - A. Darbane et J.M. Rocchi, 1997, Ed. Séfi

OPA, OPE et LBO – M. ALBOUY et C. BONNET, 2008, Ed Economica

Ingénierie Financière – G. LEGROS, 2012, Ed Dunod

Ingenierie financière, fiscale et juridique – Ph. Raimbourg, 2014, Ed. Dalloz.

Tout savoir sur le capital investissement, G. MOUGENOT, 2014, Ed. Gualino.

≡ EVALUATION METHODS

20 % : Contrôle continu

80 % : Examen final

≡ SESSIONS

1 Introduction

LECTURE : 03h00

- Debt and equity characteristics
 - Arbitrage between debt and equity
 - Modigliani et Miller
 - Free Cash Flow Theory
 - Pecking Order Theory
 - Capital structure ratios
- Homework : Financial analyses of ELIOR

2 Dividend and share buyback

LECTURE : 03h00

- Dividend : legal, tax and financial aspects (dividend yield, dividend per share and pay-out ratio)
 - Share buyback : legal, tax and financial aspects
 - Effects on stock price and Earnings Per Share (EPS)
 - Determinants
- Homework : EADS, BOUYGUES and L'OREAL cases

3 Capital Increase

LECTURE : 03h00

- Pre and post-money value
 - Issue price and discount
 - Pre-emptive subscription rights
 - Reserved equity issue
- Homework : TransAir

4 Quasi Equity

LECTURE : 03h00

- Convertible bonds : price and premium
 - Obligations à Bons de Souscriptions d'Actions
 - Other hybrid bonds : OBSO, OCEANE,...
 - Effects on IRR, WACC and bond value : Kedkado, France Télécom and R's cases
- Homework : Analysis of hybrid bonds of Elior in 2013

5 At the closing, leverage operations

LECTURE : 03h00

- Financial, control and tax leverage
 - Financial structure in the newCo
 - Limited partnerships
 - Operations: LBO, LBI, BIMBO, OBO, BOSO and LBU
- Homework : IRR of INVEST fund

6**At the closing, expected IRR**LECTURE : 03h00

- Capital investment and crowdfunding
- IRR : INVEST case
- Blind note
- Due diligence and shareholder agreements
- Earn-out

- Homework : ELIOR's LBO

7**At the closing, business plan**LECTURE : 03h00

- Business Plan : Panolat case
- IRR of sponsors and the mezzanine holder (PIK)
- Covenants

8**Intermediate exam - Introduction of Merger and Acquisition**LECTURE : 03h00

- Merger and Acquisitions : principles
- Homework : hostile takeover by Mittal on Arcelor

9**Takeover bid, public exchange and squeeze-out**LECTURE : 03h00

- Financial and legal characteristics
- Effects on share value and EPS.
- 2 cases: Twixx Raider and Total Final Elf Aquitaine.

- Homework : Club Med

10**IPO and Securitization**LECTURE : 03h00

- IPO's determinants
- Pricing methods
- Cases :
IPO and Entry of a private equity fund
Elior's IPO – summer 2014
- Securitization : legal and financial aspects
- A double securitization : Nissan Renault case

Number of ECTS credits : 4

Course language : Français

Teachers : GUYOT Alexis

≡ COURSE DESCRIPTION

The aim of this course is to give knowledge to students about default risk and skills to assess it. Students will apply credit scoring techniques used in the banking industry as well as within companies to assess borrowers' risk of default. Laptops are more than welcome as students will extensively use Excel and R softwares.

Prerequisites for this course:

- Financial analysis course (basic level, such as the one offered in Semester 3 of the Grande Ecole programme)
- Basic math, probability theory & statistics

A brief reminder of these topics will take place within the course.

≡ COURSE OBJECTIVES

Upon completion of the module, you should have:

- advanced knowledge and critical understanding in rating, scoring and data mining techniques applied in the banking & corporate industry
- demonstrated ability to exercise critical judgment on complex situations
- used highly specialized and advanced technical, professional and academic skills in the analysis of relevant specific problems in finance, and in modeling default risk
- the ability to assess a company's financial position and risk of bankruptcy through a solid and detailed analysis of its financial statements, business environment, strategy and financing decisions

≡ LEARNING GOALS

OLD21 - Guide : Guide the development of new skills

OLD22 - Guide : Delegate responsibilities

OLD30 - Evolve : Develop skills from one's own experience and from that of others

≡ TACKLED CONCEPTS

Default risk

Rating

Scoring

Covenant package

Technical default & insolvency

Data mining techniques used in bankruptcy prediction

≡ LEARNING METHODS

Case studies

Numerical applications

Softwares used in this class:

- Excel (extensively used)
- R an open statistical software (used for sessions on predicting default risk)

≡ ASSIGNMENTS

Both formative (in class) and summative (final exam) assessments.

100% of the final grade is assessed by an individual final exam (closed books, 1 non programmable calculator authorized)

≡ BIBLIOGRAPHY

Damadoran, A. Corporate Finance: Theory and Practice. John Wiley & sons

Tan, P. N., Steinbach M., Kumar V. Introduction to data mining. Pearson

≡ EVALUATION METHODS

30 % : Contrôle continu

70 % : Examen final

≡ SESSIONS

1

Part I: Default risk assessment & prevention (1/2)

LECTURE : 03h00

Homework:

Not compulsory, only if you are not familiar with financial statements:

Damodaran: Corporate Finance, Chapter 4, p. 94 to 141

Credit Engineering for Bankers, Chapter 3, p. 63-83

Rating methodology

- Analyzing a business profile
- Determining a financial profile

Illustration: Manpower (Excel)

2

Part I: Default risk assessment & prevention (2/2)

LECTURE : 03h00

Homework:

Lecture – Mezzanine Financing: Chapters 10 to 10.4, p. 313-321

Scoring methodology

Illustration: Bank scoring (Excel)

Credit risk impact on issuers: spread & covenant package

3

Part II: Going bankrupt

LECTURE : 03h00

Part II: Going bankrupt

Homework:

Findus group case study preparation – Try to answer to all questions.

Case study: How junior lenders took-over the control of Findus group (Excel)

4

Part III: Predicting bankruptcy risk (1/6)

LECTURE : 03h00

Homework:

Matrix algebra

Formative assessment:

Matrix algebra

Linear regression classifier

Linear regression classifier applied to predict bankruptcy (Excel)

5

Part III: Predicting bankruptcy risk (2/6)

LECTURE : 03h00

Homework:

Bayes rule

Formative assessment:

Bayes rule

Naïve bayes classifier

Naïve bayes classifier applied to predict bankruptcy

6

Part III: Predicting bankruptcy risk (3/6)

LECTURE : 03h00

Formative assessment:

LDA

Linear discriminant analysis applied to predict bankruptcy.

Altman z-score

7

Part III: Predicting bankruptcy risk (4/6)

LECTURE : 03h00

Formative assessment:

Logistic regression

Logistic regression analysis applied to predict bankruptcy.

AIC criteria

ROC curves

8

Part III: Predicting bankruptcy risk (5/6)

LECTURE : 03h00

Homework:

Classification: Basic concepts, decision trees, and model evaluation

Formative assessment:

Decision trees

Introduction to decision trees

9

Part III: Predicting bankruptcy risk (6/6)

LECTURE : 03h00

Applications with R.

10

Part IV: Optimal capital structure

LECTURE : 03h00

Homework:

Damodaran A., Corporate Finance – Chapters 15 & 17

Capital structures: models and applications

Number of ECTS credits : 4

Course leader : SAMBROOK Timothy

Faculty : SAMBROOK Timothy

≡ COURSE DESCRIPTION

This module aims to provide students with the necessary training to develop an advanced understanding of money markets, foreign exchange, derivatives and commodities.

Part 1. Is dedicated to give students a strong knowledge and understanding of the money markets.

Part 2. Provides students with specialist knowledge of international trade and currency markets.

Part 3. Gives the students an in depth knowledge of derivatives, in particular futures, swaps and options, so that they will be able to calculate the price of such instruments from first principles.

Cross-over program with the following modules:

- Portfolio management

≡ COURSE OBJECTIVES

Upon completion of the module, you should have:

- specialist knowledge of the different types of cash instruments in the money markets
- advanced knowledge and critical understanding in currency exchange rates with an appreciation of international trade and capital flows
- describe the investment and risk characteristics of derivatives
- an in depth knowledge of the uses and functionality of basic derivative products, and be able to calculate the underlying value of such products

≡ LEARNING GOALS

LO02 - Analysis : Analyse complex situations

LO04 - Action : Make proposals, take initiatives

LO05 - Action : Evaluate, prevent and manage short, medium and long-term risks

LO07 - Entrepreneurship and Innovation : Identify needs and draw up an appropriate offer

LO10 - CSR : Identify and understand stakeholder interests

≡ TACKLED CONCEPTS

Treasury bills
Commercial Paper
Bankers Acceptance
Certificate of Deposit
Repurchase agreements
Floating Rate Notes
Nominal and real exchange rates
Direct and indirect fx quotations
Currency cross rates
Forwards
Exchange rate regimes
International capital flows
Traditional options
Traded options
Hedge ratio
Call/put parity
Binomial model
Future margin
Interest rate swaps
Currency swaps
Swaptions

≡ LEARNING METHODS

Presentation
Readings
Exercises
Case based learning

The methodologies used in the course include subject presentation and exercises.

≡ ASSIGNMENTS

Readings & exercises
Case studies

2 hours 30min final exam: 100%

≡ BIBLIOGRAPHY

“Options, Futures, and Other Derivatives”, John C. Hull, Pearson Education

≡ EVALUATION METHODS

100 % : Final exam - Tim SAMBROOK

≡ SESSIONS

1

Session 1

LECTURE : 04h00

Management of Cash Models

Cash Instruments – treasury bills, commercial paper, bankers acceptance, certificates of deposit, repo agreements and FRN.

2

Session 2

LECTURE : 04h00

The economics of International Trade. Capital Flows. Benefits of trading. Blocs and unions.

3

Session 3

LECTURE : 04h00

Trade organisations
Currency regimes
Foreign Exchange market.
Exchange rate calculations

4

Session 4

LECTURE : 04h00

Derivatives Futures – Forwards, characteristics of different futures, price calculation
Derivative futures – Strategies with futures

Commodities

5

Session 5

LECTURE : 04h00

Derivative Option – Traded options, basic price calculation of puts and calls

6

Session 6

LECTURE : 04h00

Option strategies

7

Session 7

LECTURE : 02h00

Derivative Option – Investment risk and characteristics of options, investment strategies.
Binomial model of pricing
Greeks

8

Session 8

LECTURE : 04h00

black scholes model of option valuation

9

LECTURE : 04h00

Derivative Swaps – Basic concepts of swaps. Valuation. Swaptions

10

LECTURE : 04h00

CDS

Revision

Number of ECTS credits : 4

Teachers : MATON Eric

≡ COURSE DESCRIPTION

This course is an introduction to the International Financial Reporting Standards (IFRS) and the US Generally Accepted Accounting Standards (GAAP).

≡ COURSE OBJECTIVES

It aims to develop fundamental skills necessary to read and analyze the information contained in the three main financial statements (P&L, balance sheet and statement of cash flows) and notes.

≡ LEARNING GOALS

OLD31 - Evolve : Make improvements in terms of one's behavior

≡ TACKLED CONCEPTS

Balance sheet,
Consolidated financial statements,
IFRS and US GAAP frameworks,
Inventories,
Income taxes,
Long-lived assets,
Noncurrent liabilities,
P&L account,
Statement of cash flows

≡ LEARNING METHODS

Case studies discussion
Readings

≡ ASSIGNMENTS

Case studies
Chapters reading in one specific book

≡ BIBLIOGRAPHY

Financial accounting and reporting: a global perspective, Hervé Stolowy, Michel J. Lebas and Yuan Ding, 4th edition, Cengage Learning, 2013
International Financial Statement Analysis, 2nd edition, Thomas R. Robison and al., CFA Institute Investment Series, Wiley, 2012

≡ EVALUATION METHODS

30 % : Contrôle continu (Quiz)
70 % : Examen final

≡ SESSIONS

1

Financial reporting mechanics and IFRS and US GAAP Framework

LECTURE : 03h00

Financial reporting mechanics (the accounting process, accrual and valuation adjustments)
IFRS and US GAAP Framework (Conceptual framework, objective of financial reports, qualitative characteristics of financial reports, constraints on financial reports)

2 Consolidated financial statements

LECTURE : 03h00

Joint venture
Methods of consolidations
Financial statement presentation subsequent to the business combination

3 Understanding income statements and balance sheets

LECTURE : 03h00

Revenue recognition
Expense recognition
Expenses by nature and by function
Nonrecurring items and nonoperating items
Components and format of the balance sheet
Current assets and current liabilities
Noncurrent assets
Noncurrent liabilities
Equity

4 Understanding balance sheets and cash flow statements

LECTURE : 03h00

Noncurrent assets
Noncurrent liabilities
Equity
Components and format of the cash flow statement
Linkages of the cash flow statement with the income statement and balance sheet
Indirect method and direct method in the calculation of the cash flow from operating activities

5 Analyst adjustments to reported financials

LECTURE : 03h00

A framework for analyst adjustments
Analyst adjustments related to investments
Analyst adjustments related to inventory
Analyst adjustments related to property, plant and equipment (P,P&E)
Analyst adjustments related to goodwill
Analyst adjustments related to off-balance-sheet financing

6 Inventories

LECTURE : 03h00

Cost of inventories
Inventory valuation methods
Inventory method changes
Inventory adjustments

7 Long-lived assets

LECTURE : 03h00

Acquisition of long-lived assets
Depreciation and amortization of long-lived assets
Impairment of assets
Derecognition

8 Income taxes

LECTURE : 03h00

Differences between accounting profit and taxable income
Determining the tax base of assets and liabilities
Temporary and permanent differences between taxable and accounting profit

9

Financial assets and Noncurrent liabilities

LECTURE : 03h00

Investments in financial assets (held-to-maturity and available-for-sale, impairments)

Bonds payable

Leases

Introduction to pensions and other postemployment benefits

10

Case study: a global perspective

LECTURE : 03h00

Creation of a statement of cash flows from an income statement, balance sheets and notes.
