#### **NUS Business School** Department of Finance

## FIN3101A CORPORATE FINANCE



Session: Semester I, 2018/2019 (13 August 2018 – 16 November 2018)

#### Instructor

Professor Allaudeen Hameed	
Email: Allaudeen@nus.edu.sg	
Office: MRB #07-74	
Phone: 6516-3034	

## **Course Objectives**

This course aims to provide students with an in-depth understanding of Corporate Finance. Students will be exposed to key financial issues faced by modern-day finance managers of corporations. The course will also equip students with conceptual and analytical skills necessary to make sound financial decisions. Cases and practical examples will be used to illustrate the concepts taught in lectures.

## **Textbook and Reference**

Main Textbook: (RWJ)

Corporate Finance

Asia Global edition, 2015

Ross, Westerfield, Jaffe, Lim, Tan and Wong

McGraw-Hill Education

## **Assessments Methods**

Class Participation	10%
Tutorial Assignments (group basis)	12%
1 Case study (group basis)	20%
2 Critiques (group basis)	8%
Test 1	20%
Test 2	30%
Total	100%

#### **Limited Open Book Tests**

No formula sheet will be provided in the tests. For Test 1, students are allowed to bring in ONE PAGE (A4 size) of notes. For Test 2, students are allowed to bring in ONE SHEET (A4 size) of notes (i.e. 2 pages). Only NUS approved (non-programmable) calculators are allowed. Please consult instructor if you are not sure. The tests may consist of multiple-choice questions, quantitative and open-ended questions that examine the total understanding and creativity of the student with respect to the course materials.

## **Class Participation**

Students are expected to have done pre-class readings and be actively involved in class discussions. Extra credit will be granted to those who can contribute towards class discussions and/or the discussion forum.

#### **Case Assignments**

Each class will be divided into 9 groups for case assignments. We will cover 3 cases during the semester. Out of the 9 groups, there will be 3 primary groups for each case. Groups 1A, 1B & 1C will take on the primary responsibility for case 1; groups 2A, 2B & 2C for case 2 and groups 3A, 3B & 3C for case 3. The 3 primary groups for the case will each submit a comprehensive report **NOT exceeding overall total of 15 pages** including texts, tables and appendices by the due date in both hard and soft copies. The report must be typewritten, A4 size paper, double-spacing, font 11 and is due by **6pm on Thursday** of the week before the case presentation. The soft copies will facilitate distribution of reports to the other 6 non-primary groups. The 6 non-primary groups are each required to submit a short critique of one of the reports. The critique is limited to **one page** (A4 sized, font 11, double spacing) and the **hard** copy must be submitted by the **Monday, 6pm** of the week of presentation. During the case presentation, the 3 groups with primary responsibility will be given 25 minutes each to present their analysis. All students are expected to actively participate in the case discussions. The assignment of the non-primary groups is as follows:

Case Number	Presenting (Primary) Group	Critique (Non-Primary) Group
1	1A	2A, 3A
1	1B	2B, 3B
1	1C	2C, 3C
2	2A	1A, 3A
2	2B	1B, 3B
2	2C	1C, 3C
3	3A	1A, 2A
3	3B	1B, 2B
3	3C	1C, 3C

Case assignment and guidelines will be made available two weeks before the due date.

#### **Tutorial and Discussion**

Each student is expected to contribute to the tutorial assignments. Each tutorial consists of a number of questions and/or mini-cases related to topics that are covered in class. These questions may require downloading and analysis of financial data. The group membership is

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the same as that for case study. The assignment will be discussed in class as indicated in the schedule.

#### **Submission Policy**

Tutorials, case reports and critiques are done on a group-basis. The hard copies must reach the instructor by the due date and time. Late submissions will be penalized.

#### **Academic Honesty and Plagiarism**

Academic integrity and honesty is essential for the pursuit and acquisition of knowledge. The University and School expect every student to uphold academic integrity & honesty at all times. Academic dishonesty is any misrepresentation with the intent to deceive, or failure to acknowledge the source, or falsification of information, or inaccuracy of statements, or cheating at examinations/tests, or inappropriate use of resources.

Plagiarism is 'the practice of taking someone else's work or ideas and passing them off as one's own' (The New Oxford Dictionary of English). The University and School will not condone plagiarism. Students should adopt this rule - You have the obligation to make clear to the assessor which is your own work, and which is the work of others. Otherwise, your assessor is entitled to assume that everything being presented for assessment is being presented as entirely your own work. This is a minimum standard. In case of any doubts, you should consult your instructor.

Additional guidance is available at:

http://www.nus.edu.sg/registrar/adminpolicy/acceptance.html#NUSCodeofStudentConduct

Online Module on Plagiarism: http://emodule.nus.edu.sg/ac/

# Schedule

Week	Topic and Readings
Week 1:	Topic 1: Introduction
August 13	Course Overview
	Corporation and Agency Issues
	Review of Risk and Return
	Readings: RWJ Chapter 1, 10, 11, 12
Week 2:	Topic 2: Capital Budgeting
August 20	Review of Portfolio Theory and CAPM
	Risk, return, and cost of capital
	Sensitivity, scenario and break-even analysis
	• Real Options
	Readings: RWJ Chapter 13, 7, 23
Week 3:	Topic 3: Capital Structure I
August 27	Raising capital
	Issuing securities
	Venture capital and IPO
	Rights issue
	Readings: RWJ Chapters 14, 20
Week 4:	Topic 4: Capital Structure II
September 3	Theories of capital structure
	• Tax effects
	Readings: RWJ Chapter 16
	Assignment due by 12noon Thu Sep 6: Tutorial 1 (hard copy)
Week 5:	Topic 5:Capital Structure III
September 10	Limits to the use of debt
	Costs of financial distress
	Agency costs
	• Is there an optimal capital structure?
	• Interactions between Investments and Financing
	Readings: RWJ Chapters 17, 18

Week 6:	Topic 6: Mergers and Acquisitions
September 17	Merger motives
	Types of acquisitions
	Value of corporate control
	Merger valuations
	Empirical evidence
	Readings: RWJ Chapter 29
	Discussion of Tutorial 1
	Assignment due by 12noon Thu Sept 20: Tutorial 2 (hard copy)
Recess Week	from September 22 to September 30
	Assignment due by 12noon Thu Sept 27: Case 1(hard and soft copies).
	Case reports to be made available to Groups 2A, 2B, 2C, 3A, 3B and 3C.
Week 7:	Presentation and discussion of Case 1
October 1	Assignment due by 12noon Mon Oct 1: One-page Critique of Case 1 from
	Groups 2A, 2B, 2C, 3A, 3B and 3C (hard copy)
	Discussion of Tutorial 2
Week 8:	Test 1 covers topics up to Tutorial 2
October 8	Sat Oct 13, 2018 : 9am to 11am (2 hours)
	Allowed to bring 1 A4 size single-sided sheet of notes and a financial
	calculator
Week 9:	Topic 7: Dividend Policy
October 15	• Is dividend policy irrelevant?
	Share repurchase and dividend policy
	Readings: RWJ Chapter 19
	Assignment due by 12noon Thu Oct 18: Case 2 (hard and soft copies).
	Case reports to be made available to Groups 1A, 1B, 1C, 3A, 3B and 3C.
Week 10:	Presentation and discussion of Case 2
October 22	Assignment due by 12noon Mon Oct 22: One-page Critique of Case 2
	from Groups 1A, 1B, 1C, 3A, 3B and 3C.
	Assignment due by 12noon Thu Oct 25: Tutorial 3 (hard copy)
Week 11:	Assignment due by 12noon Thu Nov 1: Case 3 (hard and soft copies).
October 29	Case reports to be made available to Groups 1A, 1B, 1C, 2A, 2B and 2C.
	Discussion of Tutorial 3

	Course Review (Q&A)
	Topic 8: Optional Topic – Corporate Risk Management
	Derivatives, Hedging
	Readings: RWJ Chapter 25
Week 12:	Assignment due by 12noon Monday Nov 5: One-page Critique of Case 3
November 5	from Groups 1A, 1B, 1C, 2A, 2B and 2C (hard copy).
	Test 2 covers all topics.
	Sat Nov 10, 2018: 9am to 11am (2 hours)
	Allowed to bring 1 A4 size double-sided sheet of notes and a financial
	calculator
Week 13:	Presentation and discussion of Case 3
November 12	