

UNIVERSITAS INDONESIA FACULTY OF ECONOMICS & BUSINESS DEPARTEMENT OF MANAGEMENT REGULER UNDERGRADUATE PROGRAM

SYLLABUS CORPORATE FINANCE (ECMU602004) ODD SEMESTER 2021/2022

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C. Subject Description

Subject Code	ECMU602004
Subject Title	Corporate Finance
Credits	3
Term	Odd
Schedule	Thursday (14:00 – 16.30)
Subject types	Compulsory
Requirements	Introduction to Business, Introduction to Management
Course Objectives	This course aims to provide understanding about the concepts and analytical techniques that should be known by a person involved in the management of corporate finance. The scope of the lectures includes discussion of important decisions in the field of finance and providing insight related to the ways in order to achieve corporate objectives.
Subject Learning	Objectives Subjects:
Outcomes	1. Hard Skills (related to increased cognitive ability)
	a. Developing English language skills
	b. Development of technical skills
	c. Development of analytical abilities
	2. Soft Skills (related to personality development)
	a. Developing time management skills
	b. Developing writing skills
	c. Developing presentation skills / public speaking
	d. Developing group collaboration skillse. Developing confidence
	 AACSB Learning Goal (LG) and Learning Objectives (LO) 1. LG 7: General Management Knowledge – Students are competent in basic theories of management LO 4: Student are able to apply basic theories of Finance & Financial Management.

D. Lesson Plan

Week	Sub Course Learning Objectives	Materials	Learning Methods	Time Needed	Learning Experience (*O-P-F) Orientation- Practice- Feedback	Weight of Sub LO to the Couse	Learning Objectives Learning Indicators	References
Before t	,	 I. Financial implications of differentforms of business entities I. Financial management objectives I. Duties and functions of financialmanager I. Conflicts of interest between the owner and manager of company I. The role of money market and capital market in the financialmanagement of a company I. The difference between bookvalue and market value I. The difference between profitand cash flow I. The difference between the average tax rate-average andmarginal I. Development of the company's cash flows by 	Active Lecturing + Collaborative		on S1 Manajem e		· ·	Ross, Chapter 1 & 2
		using information from financial statements						

2	Sub CLO: Evaluate the company's financial performance	 The sources and uses of cash versus the Cash Flow Statement Uniform financial statements to be comparedwith each other Calculation and interpretation offinancial ratios Using Dupont Chart and Market Ratio (PEG, P / E, and Tobin's Q)to determine the determinants of company profitability Using Dupont Chart to know thefactors that determine the profitability of a company Deficiencies and problems in aFinancial Statement Analysis 	Experiential Learning + Collaborative Learning	150 minutes	O: Explain the material related to the evaluation of the company's financial performance P: Financial Statement Analysis F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Able to analyze financial ratios and Dupont Chart	Ross, Chapter 3
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Lon plan	g-term financial uning and apanygrowth	 Long-term financial planning Using the percent of sales method Calculate the external funds needed (EFN) to support company growth The impact of capital structure and dividend policy on the growth of the company 	Experiential Learning + Collaborative Learning	150 minutes	O: Discussing material related to long-term financial planning. P: Prepare projections of the company's long-term funding needs. F: Students present the solution of the questions that has been given to them, and the lecturers give	Able to prepare financial projections and estimate needs	Ross, Chapter 4

4 Sub CLO: Calculation of present value and future value of singlecash flow a compound cash flow. (Basic of valuation Time Value of Money & Discounted Cash Flow)	2. Calculating the return on an investment 3. Calculating the number of investment periods if the present value, future value and interest rateare known / determined 4. Solve the problem of time value of	Experiential Learning + Collaborative Learning Presentation	150 minutes	O: Discussing material related to time value of money. P: Using general and specific formulas in financial transactions. F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.		Able to explain and apply general formulas and special formulas to various types of financial transactions, including using calculators and Excel	Ross, Chapter 5 & 6
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5	Sub CLO: Valuation of bonds and stocks	 Types and features of bonds The price vs intrinsic value of a bond and why it fluctuates Bond ratings and their meaning The impact of inflation on the interest rate Term structure of interest rates and that affects the amount of bond yield How share prices are affected by dividend payouts and dividend growth rates Calculating the stock price using the Dividend Growth Model 	Collaborative Learning	150 minutes	O: Discussing material related to valuation of bonds and stocks. P: Calculating the value of bonds and stocks. F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Able to calculate the value of bonds and stocks	Ross, Chapter 7 & 8
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6	Sub CLO: Various investment criteria in the capital budgeting concept.	 Calculating the net present value (NPV) and understanding the advantages & disadvantages Calculating the profitability index and understanding the advantages & disadvantages & disadvantages, as well as its relationship with the NPV Calculate the internal rate of return and understand the advantages & disadvantages Calculating the modified internal rate of return and understanding the advantages & disadvantages Calculate payback and discounted payback and understand their weaknesses Calculate accounting rates of return and understand the shortcomings 	Experiential Learning + Collaborative Learning Presentation	150 minutes	O: Discussing material related to capital budgeting P: Calculate and choose investment criteria correctly. F: Students present the solution of the questions that	7%	Able to calculate, differentiate and select various investment criteria in the capital budgeting concept.	Ross, Chapter 9
		understand their weaknesses 6. Calculate accounting rates			present the solution of the			
					lecturers give feedbacks.			

7 Sub CLO: Relevant and incremental cash flow in the capital budgeting process	 How to determine the relevant cash flow in a proposed investment project (project proposal) Using pro forma financial statements Using net working capital and depreciation Various counting methods operating cash flow Several variations on the illustrations of proposed project cases 	Experiential Learning + Collaborative Learning	O: Discussing material related to cash flows. P: Identify and detail components of cash flow.	7%	Able to identify and detail cash flow components in the capital budgeting concept	Ross, Chapter 10
		Mid-To	F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.			

8	Sub CLO: Analyze and evaluate the reliability of the calculation results of cash flow and NPV	 Calculating and interpreting a scenario analysis of a proposed investment project Calculate and interpret sensitivity analysis of a proposed investment project Calculate and apply Accounting / Cash / Financial Break-Even Points for proposed investment projects Calculate and apply the Degree of Operating Leverage on the proposed investment project Using capital rationing to accept or reject investment proposals (projects) with positive NPV 	Active Lecturing + Collaborative Learning	150 minutes	Discussing material related to the reliability of the calculation of cash flow and NPV. P: Explain and calculate the sensitivity of NPV. F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Be able to explain the sensitivity of the NPV magnitude through scenario analysis, sensitivity analysis (single variable), breakeven analysis, and DOL analysis. Able to use the concept of capital rationing in situations of limited investment budget	Ross, Chapter 11
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	Sub CLO: Returns, risks, and security market line / CAPM	 Calculate expected returns & variances on a single investment Understand the risk-return trade-off Understand Investing in Portfolio Understanding Expected vs Un- expected Returns Understand systematic vs non-systematic risk Understand the impact of diversification on portfolio risk Understand systematic risk (Beta) Understand the security market line (CAPM) 	Active Lecturing + Collaborative Learning	150 minutes	O: Discussing material related to risk and CAPM P: Explain the concept of risk and securities diversification. F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Be able to explain the impact of securities diversification Able to explain total risk vs systematic risk, in order to explain the risk used in evaluating securities using the CAPM theory.	Ross, Chapter 12 & 13
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10	Sub CLO: Capital cost and capital structure	 Calculating the cost of equity capital (DDM vs SML) Calculating the cost of debt Calculating the cost of preferred stock Calculate the weighted average cost of capital (WACC) Using the weighted average cost of capital The impact of financial leverage on cash flow and cost of equity Impact of tax burden and bankruptcy on the choice of capital structure 	Active Lecturing + Collaborative Learning Presentation	150 minutes	O: Discussing materials related to the cost of capital and capital structure. P: Calculating WACC with DDM & SML and explaining EPS vs EBIT analysis F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Able to calculate WACC, both through DDM and SML approaches Be able to explain EPS vs EBIT Analysis Able to explain Static Trade- off Theory and Pecking-Order Theory	Ross, Chapter 14 & 16
11	Sub CLO: Source of Capital	 Early-Stage Financing: Venture Capital Go Public, Stocks and other securities 	Experiential Learning + Collaborative Learning Presentation	150 minutes	O: Discussing material related to source of capital P: Explain the source of capital used by the company	7%	Able to explain various sources of capital in relation to the stage of growth and development of the company	Ross, Chapter 15

		F:		
		Students		
		present the		
		solution of the		
		questions that		
		has been		
		given to them,		
		and the		
		lecturers give		
		feedbacks.		

12	Sub CLO: Dividends: Concepts and Policies	 Types of dividends and payment methods Important issues around dividend payout policies The difference between cash dividends and stock dividends Stock repurchases as an alternative to dividend payments 	Experiential Learning + Collaborative Learning Presentation	150 minutes	O: Discussing material related to dividends. P: Explain the types and methods of dividend payments F: Students present the solution of the questions that has been given to them, and the lecturers give feedbacks.	7%	Able to explain the type, payment method and dividend policy. Cash Dividend • High Dividend Payout • Low Dividend Payout • Stock Dividend • Stock Split • Stock Repurchase • Dividend Tax	Ross, Chapter 17
13	Sub CLO: Working Capital Management and Short-Term Capital Financing	 The cash cycle component Pros and cons of short-term provision of funds Prepare a cash budget Various choices of short-term funding sources Develop a Short-Term Financial Plan 	Experiential Learning + Collaborative Learning	150 minutes	O: Discussing material related to working capital. P: Explain the concept of working capital F: Students present the solution of the questions that has been	7%	Able to explain the importance of managing working capital and factors related to working capital, considering that working capital is the most important asset to manage in the short term to maintain the company's financial liquidity.	Ross, Chapter 18

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and Short-Term Investments 3. Use the BAT Model and the Miller-Orr Model and understand the different assumptions used Accounts Receivable Management and Stock / Inventory of Goods 4. Important issues regarding Credit Management Stock / Inventory of Goods 5. Impact of cash discounts 6. Evaluating the proposed credit policies 7. Credit Analysis Components 8. Important components of Short-term securities Collaborative Learning material related to cash management , accounts receivable, and inventory.	able to explain cash nanagement techniques sing the BAT and Miller-Drr models. Able to dentify various types of hort-term sources of ands able to explain the echniques and policies for nanaging accounts eccivable. Able to explain the EOQ Model for stock nanagement or inventory	Ross, Chapter 19 plus Appendices Chapter 20

E. Task and Exercise Design

Week	Task Name	Sub CLO	Assignment	Scope	Methods	Deadline	Task Output
1	No special tasks before the face-to- face lesson, this is the first meeting schedule.	Able to explain the activities and objectives of financial management, financial environment and stakeholders. Able to explain the contents and meaning of financial statements, corporate taxes, and cash flow.	 Summarize Chapter 1 & 2 Doing textbook chapter 1 & 2 problems based on Sub CLO 	Ross Chapter 1 Problem 1, 5, 6, 11 Ross Chapter 2 Problem 19, 20, 25, 26	Collaborative Learning	As of the end of class hours	Individual Report
2	Evaluate the company's financial performance	Able to analyze financial ratios and Dupont Chart ratios	Before the face-to-face lesson: • Summarize Chapter 3 • Doing textbook chapter 3 problems based on Sub CLO as homework	Ross Chapter 3 Problem 26 – 30	Experimental & Collaborative Learning	As of the end of class hours	Individual Report
3	Calculate EFN using the "% of sales" method	Able to prepare financial projections and estimates needed	Before the face-to-face lesson: • Summarize Chapter 4 • Doing textbook chapter 4 problems based on Sub CLO as homework	Ross Chapter 4 Problem 25 – 29	Experimental & Collaborative Learning	As of the end of class hours	Individual Report
4	Calculate FV, PV, r, n using the formulas that have been learned.	Able to explain and apply general formulas and special formulas to various types of financial transactions, including using a calculator and Excel	Before the face-to-face lesson: • Summarize Chapter 5 & 6 • Doing textbook chapter 5 & 6 problems based on Sub CLO as homework	Ross Chapter 5 Problem 16 – 20 Ross Chapter 6 Problem 70 – 76	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
5	Calculates the intrinsic value of bonds and shares using various	Able to calculate the value of bonds and shares	Before the face-to-face lesson:		Experimental & Collaborative	As of the end of	Individual Report

	alternative formulas according to the characteristics of their securities		 Summarize Chapter 7 & 8 Doing textbook chapter 7 & 8 problems based on Sub CLO as homework 	Ross Chapter 7 No. 18, 19, 29 – 31 Ross Chapter 8 No. 20, 23, 24, 26, 27	Learning	class hours	
6	Calculate, compare, and select investment projects that are feasible, using various alternative criteria available.	Able to calculate, differentiate and choose various investment criteria in the concept of capital budgeting.	Before the face-to-face lesson: • Summarize Chapter 9 • Doing textbook chapter 9 problems based on Sub CLO as homework	Ross Chapter 9 Problem 16, 19, 24, 26	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
7	Identify, arrange, and calculate the total cash flow.	Able to identify and detail the components of cash flow in the concept of capital budgeting.	Before the face-to-face lesson: Summarize Chapter 10 Doing textbook chapter 10 problems based on Sub CLO as homework	Ross Chapter 10 Self-Test 10.1 Problem 22, 25, 27, 28	Experimental & Collaborative Learning	As of the end of class hours	Individual Report
			Mid-Term Exam				
8	No special tasks before the face-to- face lesson, this is the first meeting after mid-term exam	Able to explain the sensitivity of NPV quantities through scenario analysis, sensitivity analysis (single variable), breakeven analysis, and DOL analysis Able to use the concept of capital rationing in situations of limited investment budget	Before the face-to-face lesson: • Summarize Chapter 11 • Doing textbook chapter 11 problems based on Sub CLO as homework	Ross Chapter 11 Problem 5, 6, 19, 25 – 30	Experimental & Collaborative Learning	As of the end of class hours	Individual Report
9	Calculate the return & risk portfolio, and estimate the SML line as a basis for determining expected returns based on	Able to explain total risk vs. systematic risk, in order to explain the risks used in evaluating securities using the CAPM theory.	Before the face-to-face lesson: • Summarize Chapter 12 & 13 • Doing textbook	Ross Chapter 12 Problem 7 – 10, 13 – 17	Experimental & Collaborative Learning	As of the end of class hours	Individual Report

	market risk		chapter 12 & 13 problems based on Sub CLO as homework	Ross Chapter 13 Problem 17 – 18, 20 – 23, 25 – 27			
10	Calculate WACC with and without considering market risk. Select the source of debt or equity using EPS-EBIT Analysis.	Able to calculate WACC, both through the DDM and SML approaches Able to explain EPS vs EBIT Analysis Able to explain Static Trade-off Theory and Pecking-Order Theory	Before the face-to-face lesson: • Summarize Chapter 14 & 16 • Doing textbook chapter 14 & 16 problems based on Sub CLO as homework	Ross Chapter 14 Problem 15, 20, 25 Ross Chapter 16 Problem 6, 13, 16, 17, 21, 22	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
11		Able to explain various sources of capital associated with the stage of growth and development of the company	Before the face-to-face lesson: • Summarize Chapter 15 • Doing textbook chapter 15 problems based on Sub CLO as homework	Ross Chapter 15 Problem 2, 5, 9	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
12		Able to explain the type, method of payment and dividend policy. Cash Dividend High Dividend Payout Low Dividend Payout Stock Dividends Stock Split Stock Repurchase Dividend Tax	Before the face-to-face lesson: • Summarize Chapter 17 • Doing textbook chapter 17 problems based on Sub CLO as homework	Ross Chapter 17 Problem 7 – 9, 10 – 12, 15 – 16	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
13	Develop a cash budget, as a basis for short-term financial planning	Able to explain the importance of managing working capital and the factors related to working capital, given that working capital is the most important asset managed in the short term to maintain the company's	Before the face-to-face lesson: • Summarize Chapter 18 • Doing textbook chapter 18 problems based on Sub CLO as	Ross Chapter 18 Problem 3, 4, 5 – 8, 10, 12, 13, 15, 17	Experimental & Collaborative Learning	As of the end of class hours	Individual Report

		financial liquidity.	homework				
14	Calculate cash requirements, determine receivables policy and calculate the amount of inventory to optimize investment in the work model	Able to explain cash management techniques using the BAT and Miller-Orr models Being able to identify various types of short-term funding sources Able to explain techniques and policies for managing receivables Able to explain the EOQ Model for managing stock or inventory	Before the face-to-face lesson: • Summarize Chapter 19 plus Appendix & Chapter 20 plus Appendix • Doing textbook problems based on Sub CLO as homework	Ross Chapter 19 Appendix 2 – 5, 6 – 9, 10 Ross Chapter 20 Problem 10, 11 – 13, 14 – 16, 17, 20 Appendix 1 – 5	Experimental & Collaborative Learning	As of the end of class hours	Individual Report & Group Presentation
			Final-Term Exam				

Final-Term Exam

F. Learning Methods

Teaching method uses active lecturing and collaborative learning, in which students achieve the study objectives by discussing and completing related problems or cases under the guidance of the lecturer. The problems and cases are taken from the textbook and other sources. Then, experiential learning for student achieved by doing homework.

Participation:

Individually, each student is required to participate actively in teaching and learning, in the form:

- 1. Ask questions in accordance with the topic.
- 2. Prepare yourself to answer questions.
- 3. Discuss issues related to the topic.

To be eligible, students must read textbooks and other materials provided.

Attendance:

Minimum 80% of Total Lecture:

- 1. A maximum of 3 (three) times absent, for no reason.
- 2. Students who came 15 minutes after class begins are considered not present.

Summary and Homework:

Homework and summary are done by each student by hand-written.

Homework and summary are scanned and uploaded in EMAS.

G. Assessment Method

No.	Description	Percentage of Evaluation (%)
1	Mid-Term Exam	30
2	Final-Term Exam	30
3	Homework	10
4	Participation	15
5	Tutorial	15
	Total	100

H. Tutorial Session

Tutorial will be held 12 times in this semester. Tutors will give students assignments, homework and quizzes that its weight has been determined at the previous point.

I. Reading List and Reference

Required Reading:

Ross, Stephen A.; Westerfield, Randolph W.; Jordan, Bradford D; Lim, Joseph; and Tan, Ruth. Fundamentals of Corporate Finance. Asia Global Edition, 2nd Edition. New York: McGraw-Hill Companies Inc. (2015).

Reference Reading:

Keown, Arthur J., John D. Martin., J. William Petty and David F. Scott, JR. Financial Management: Principles and Applications. 12th ed. Upper Saddle River, NJ: Pearson Prentice Hall. (2005)

J. Plagiarism

Plagiarism is defined as inserting words/sentences/ideas belonging to other author/s in part or in whole without referring to the sources. Students must indicate the source of any words/sentences from other author/s in his/her writing.

Plagiarism also refers to the copying in part or in whole other student's assignment, or copying from books, journals, web, magazines, newspapers, etc.

Plagiarism includes also the act of auto-plagiarism defined as the use of one's own words/sentences/ ideas taken from other assignment/paper that have been submitted for grading in other or the same course without any reference to its/their source/s.

In accordance to the disciplinary rules and code of ethics for students as indicated on the Guidebook of FEBUI, students are prohibited to conduct

plagiarism, and will be sanctioned/punished accordingly. The sanctions/punishment are as follows:

- First time offense, the minimum sanction is a Zero (0) grade for the assignment at maximum an F
- Second time offense, the grade for the course will be an F.
- Third time offense, the student will be expelled from Department of Management, FEBUI.

K. Statement of Authorship

It is mandatory that a Statement of Authorship must be included and posted on the front page of the assigned paper.

Statement of Authorship

I/We.....the undersigned declare to the best of my/our ability that the paper/assignment

herewith is an authentic writing carried out by myself/ourselves. No other authors or work of other authors have been used without any reference to its sources. This paper/assignment has never been presented or used as paper' assignment for other courses except if I/we clearly stated otherwise. I/We fully understand that this assignment can be reproduced and/or communicated for the purpose of detecting plagiarism.

Name : Student's ID Number : Signature : Course : Paper Title : Date : Lecturer :