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OPTimizing Research & Doctoral
Programs in BANKing and Finance
in Indonesian Universities

		COURSE PLAN (RPS) UNDERGRADUATE PROGRAM OF MANAGEMENT FACULTY OF ECONOMICS AND BUSINESS UNIVERSITAS SEBELAS MARET		
Course Identity		Identity and Validation	Name	Signature
Code	:	Lecturers	: Irwan Trinugroho, PhD	
Course Name	: FINANCIAL TECHNOLOGY			
Credit (SKS)	: 3 SKS	Coordinator	: Irwan Trinugroho, PhD	
Semester	: 6			
Prerequisite Courses	: Financial Management I and II	Head of Program	: Dr. Atmaji	
Available	: 26 th July 2020	Last Revised	: 5 th September 2020	
Expected Learning Outcomes (Program Learning Outcomes)				
Code		ELO		
LO-1	:	Apply management functions (planning, organizing, directing, and controlling) in various types of organizations (for-profit and non-profit)		
LO-2	:	Implement concepts and techniques of analysis in management (strategic, finance, marketing, human resources, and operations)		
LO-3	:	Design solutions for managerial problems		

LO-4	:	Apply business ethics and entrepreneurship principles
LO-5	:	Demonstrate communication skills (oral and written) in both Bahasa Indonesia and English
LO-6	:	Demonstrate ability in information and communication technology
LO-7	:	Demonstrate sensitivity to environmental changes
Course Learning Outcomes	:	<ol style="list-style-type: none"> 1. Demonstrate their comprehensive understanding on financial technology and digital transformation in the financial services 2. Develop an idea related to technological-based financial innovation
Subjects	:	<ul style="list-style-type: none"> - Introduction to fintech and the changes in the financial services - Fintech and the incumbent financial institutions - Fintech ecosystems - Fintech payment - Peer-to-peer lending - Crowdfunding - Robo advisor and insurtech - Fintech, E-commerce and SMEs - Fintech, financial inclusion and the social impact of fintech - Fintech regulation and ethics - The future of fintech
Course Description	:	<p>This course is dedicated to introducing various aspects of fintech to students. Students are given an initial understanding of 'what is fintech', 'the fundamental change in finance' and the response of incumbents in the financial services. Afterward, the course will touch on fintech ecosystem, fintech payment, peer-to-peer lending, crowdfunding, robo advisor and insurtech. Students will also be equipped with an understanding of the link between fintech, e-commerce and SMEs, the role of fintech in financial inclusion and the social impacts of fintech particularly in emerging markets. Lastly, students will also learn about the regulation, ethics and future of fintech. After completing this course, students are expected to have a better understanding and knowledge about fintech from various aspects. Moreover, students are expected to develop an idea related to technological-based financial innovation.</p>
References	:	<ol style="list-style-type: none"> 1. Chishti, S., Barberis, J. 2016. The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries. Wiley. (CB) 2. Arslanian, H., Fischer, F. 2019. The Future of Finance: The Impact of FinTech, AI, and Crypto on

			<p>Financial Services. Springer (AF)</p> <p>3. King, B. 2018. Bank 4.0: Banking Everywhere, Never at a Bank. Wiley (KING)</p> <p>4. Cases in fintech and digital finance</p> <p>5. OPTBANK* Module 1- Banking Institutions and Bank Risk Management designed by Prof. Franco Fiordelisi (University of Rome III)</p> <p>6. OPTBANK* Module 5 - Indonesian banking and financial market structure and regulation designed by Dr. Inka Yusgiantoro (Indonesia Financial Services Authority), Dr. Yoga Affandi (Bank Indonesia-Central Bank of Indonesia) and Dr. Herman Saherrudin (Indonesia Deposit Insurance Corporation)</p> <p>7. OPTBANK* Module 7- Financial literacy, financial inclusion and financial deepening, designed by – Prof. Jon Williams (Bangor University)</p>					
Session	Lesson Learning Outcomes	Subject	References	Teaching/ Learning Method	Learning Experience	Time	Assessment*	
							Indicator	Assessment Method
1	2	3	4	5	6	7	8	9
1	Students are expected to be able to understand the emerge of fintech and its role in changing the landscape in the financial sector	Explanation on the course plan, Introduction to fintech and the changes in the financial services	Lecturer's presentation (AF Ch.3, CB Ch. 1)	Lecturing and Discussion	- Quiz	2 hours and 30 minutes	Students have comprehensive understanding on the emerge of fintech and its role in changing the landscape in the financial sector	- Class participation - Quiz (pre-test and posttest)
2	Students are expected to be able to demonstrate their comprehensive understanding on the response of the incumbents in financial services to the emerge of fintech	Fintech and the incumbent financial institutions	Lecturer's presentation, AF Ch.4, CB Ch. 2, KING	Lecturing, Discussion	- Students are encouraged to read the materials before the class - Students should prepare at least two	2 hours and 30 minutes	Students have comprehensive understanding on the response of the incumbents in financial services to the emerge of fintech	- Class participation - Quiz

3	Students are expected to be able to demonstrate their comprehensive understanding on fintech ecosystem	Fintech ecosystem	Lecturer's presentation, CB Ch. 2, CB Ch. 3	Lecturing, Discussion	questions on the subject being discuss, the questions will be discussed during the class - Quiz (posttest)	2 hours and 30 minutes	Students have comprehensive understanding on fintech ecosystem	- Class participation - Quiz
4	Students are expected to be able to demonstrate their comprehensive understanding on fintech payment	Fintech payment	Lecturer's presentation, CB Ch. 5	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on fintech payment	- Class participation - Quiz
5	Students are expected to be able to demonstrate their comprehensive understanding on peer-to-peer lending	Peer-to-peer lending	Lecturer's presentation, CB Ch. 5	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on peer-to-peer lending	- Class participation - Quiz
6	Students are expected to be able to demonstrate their comprehensive understanding on crowdfunding	Crowdfunding (including equity crowdfunding)	Lecturer's presentation, CB Ch. 6	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on crowdfunding	- Class participation - Quiz
7	Students are expected to be able to demonstrate their comprehensive understanding on robo advisor and	Robo advisor and insurtech	Lecturer's presentation, CB Ch. 6	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on robo advisor and insurtech	- Class participation - Quiz

	insurtech							
8		Mid Exam				90 minutes		Written Exam
9	- Students are expected to be able to demonstrate their comprehensive understanding on the link between fintech, e-commerce and the development of SMEs	Fintech, E-commerce and SMEs	Lecturer's presentation, CB Ch. 7, KING	Lecturing, Discussion	- Students are encouraged to read the materials before the class	2 hours and 30 minutes	Students have comprehensive understanding on the link between fintech, e-commerce and the development of SMEs	- Class participation - Quiz
10	- Students are expected to be able to demonstrate their comprehensive understanding on the role of fintech in improving financial inclusion as well as on the social impact of fintech	Fintech, financial inclusion and the social impact of fintech	Lecturer's presentation, AF Ch. 81, CB Ch. 4	Lecturing, Discussion	- Students should prepare at least two questions on the subject being discuss, the questions will be discussed during the class - Quiz (posttest)	2 hours and 30 minutes	Students have comprehensive understanding on the role of fintech in improving financial inclusion as well as on the social impact of fintech	- Class participation - Quiz
11	- Students are expected to be able to demonstrate their	Regulation and ethics in fintech	Lecturer's presentation, POJK 77/2016, POJK	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on regulation and ethics in	- Class participation - Quiz

	comprehensive understanding on regulation and ethics in fintech		13/2018 and some other regulations, CB. Ch. 10				fintech	
12	- Students are expected to be able to demonstrate their comprehensive understanding on the future of fintech	The future of fintech	Lecturer's presentation, AF. Ch. 16, CB. Ch. 10	Lecturing, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on the future of fintech	- Class participation - Quiz
13-15	- Students are expected to be able to demonstrate their comprehensive understanding on some cases (success and failure stories) of fintech	Fintech Cases	Cases, CB. Ch. 8	Group presentation, Discussion		2 hours and 30 minutes	Students have comprehensive understanding on some cases (success and failure stories) of fintech	- Class participation - Quiz
16		Final Exam				90 minutes		Written Exam

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Grading Scheme

The grading scheme is as follows:

- Final Exam 25%
- Mid Exam 25%
- Final paper (innovation idea) 20%
- Presentation 15%
- Class Participation and weekly quiz 15%