Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
G456	FinTech and Blockchain	8	3	3	0	3	5

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Elective
Course Level	Bachelor Degree
Objective	This course aims to introduce fundamental topics of FinTech and blockchain practices. This course aims for students to analyse and comprehend current transformations in finance from a critical perspective and to make future projections accordingly.
Content	Week 1. Monetary Policy: General Outlook Week 2. FinTech Ecosystem: Introduction Week 3. FinTech Ecosystem: Value Creation Week 4. Digital and Alternative Finance Week 5. Technologic Trends in Finance and Payment Systems Week 6. FinTech Regulations and Cyber Security Week 7. FinTech Entrepreneurship Week 8. Blockchain Philosophie and Cryptocurrencies Week 9. Cryptocurrencies: Working Mechanism – I Week 10. Cryptocurrencies: Working Mechanism – II Week 11. Cryptocurrencies: Opportunities and Threats Week 12. Tokenization, ICO and DeFi Week 13. Presentations Week 14. The Future of the Ecosystem: Where were we? Where are we? Where are we going?
References	Weeks [1, 7]: Chishti, S., & Barberis, J. (2016). The Fintech book: The financial technology handbook for investors, entrepreneurs and visionaries. John Wiley & Sons. Weeks [8, 14]: Usta, A., & Doğantekin, S. (2019). Blockchain 101. Bankalararası Kart Merkezi Sert, T. (2019). Sorularla Blockchain. Türkiye Bilişim Vakfı

Theory Topics

Week	Weekly Contents
1	Monetary Policy: General Outlook
2	FinTech Ecosystem: Introduction
3	FinTech Ecosystem: Value Creation
4	Digital and Alternative Finance
5	Technologic Trends in Finance and Payment Systems
6	FinTech Regulations and Cyber Security
7	FinTech Entrepreneurship
8	Blockchain Philosophie and Cryptocurrencies
9	Cryptocurrencies: Working Mechanism – I
10	Cryptocurrencies: Working Mechanism – II
11	Cryptocurrencies: Opportunities and Threats
12	Tokenization, ICO and DeFi
13	Presentations

Week	Weekly Contents
14	The Future of the Ecosystem: Where were we? Where are we? Where are we going?