





Blockchain and Future Society





Heung-No Lee
2021/3/2

	Monday	Wednesday	
1		3/3 Intro	
2	3/8 2008 Financial Crisis and FED's Response Federal Reserve System Bretton Woods Nixon's end of Gold Standard 1971	3/10 Wealth Inequalities Everywhere, why? Friedrich Hayek's two books Road to Serfdom Denationalization of Money	HW1
3	3/15 Covid-19 and US Response The Changing World Order Scandal of Money What should we do?	3/17 Bitcoin Introduction The 1st Module: Introduction to Bitcoin without Cryptography A. Bitcoin Abstract B. Blockchain, Minting, Seigniorage C. Block Height, Minting Schedule D. Genesis Block and Current Blocks	
4	3/22 Download BIT-ECC Anaconda/Python/C++ Installation Little bit of programming	3/24 The 2nd Module: Introduction to Bitcoin with Cryptography (1) Value Transfer over Internet Satoshi Nakamoto Cryptography Mailing List Brief History of Bitcoin	HW2
5	3/29 [교안] 블록체인과_ 미래사회_03_v3.0_190905	3/31 [교안] 블록체인과_ 미래사회_04_v3.0_190906	
6	4/5 [교안] 블록체인과_ 미래사회_05_v5.0_190917	4/7 [교안] 블록체인과_ 미래사회_06_v6.0_190917	HW3

7	4/12 [교안] 블록체인과 미래사회_07_v5.0_190917	4/14 [교안] 블록체인과 미래사회_08_v3.0_190918	
8	4/19	4/21	Midterm Week
9	4/26 [교안] 블록체인과 미래사회_09_v5.0_190926	4/28 [교안] 블록체인과 미래사회_10_v3.0_191008	
10	5/3 [교안] 블록체인과 미래사회_11_v3.0_191008	5/5 (National Holiday) [교안] 블록체인과 미래사회_12_v3.0_191021 최종	HW4
11	5/10 [교안] 블록체인과 미래사회_13_v3.0_191021 최종_영상삽입본	5/12 [교안] 블록체인과 미래사회_14_v4.0_191025 최종	
12	5/17 Zero-Knowledge Proof	5/19 (Buddha's Birthday)	HW5
13	5/24 Zero-Knowledge Proof II	5/26 Zero-Knowledge Proof III	
14	5/31 BIT-ECC Programming I	6/2 BIT-ECC Programming II	HW6
15	6/7 BIT-ECC Programming III	6/9 BIT-ECC Programming IV	
16			Final Exam Week

2021 Class

1	<p>Mi Rim Park</p> <p>Materials Science and Engineering Concentration EECS Double Major To Know Blockchain. Interested in Blockchain Finance.</p>	
2	<p>Neulsaebit Oh</p> <p>EECS Concentration</p>	
3	<p>Shin Young Kang</p> <p>EECS Concentration Blockchain + Finance</p>	
4	<p>Yun Jae Heo</p> <p>EECS Concentration Hot is BC. I am curious.</p>	
5	<p>Uk Dong Gim</p> <p>EECS NLP + DNN. Curious how BC can be helpful.</p>	
6	<p>Azevdeo Tavares</p> <p>EECS (MJLee) Brazil</p>	
7	<p>Ha Young Park</p> <p>EECS BC</p>	
8	<p>Hamna Akran</p> <p>EECS MS ML + Vision + How to do Mining Parkistan, Islamabad</p>	
9	<p>Ehtisham Asghar</p> <p>Energy Convergence Ph.D. Power System Lab. Bitcoin + Energy Market + EP + Energy Trade in Bitcoin. Investment. Pakistan Lahore.</p>	
10	<p>Hee Jun Jung</p>	

	AI Graduate School 통합과정. 랩(김강일). Interested in BC/Cryptocurrency.	
11	Hee Seung Jung AI Graduate School 통합. 김강일교수님. BC.	
12	Sang Jun Noh School of Integrated Tech	
13	Cao, Luu Thanh School of Integrated Tech	

Lectures

- Video uploads to YouTube and Class Home Page
- Sample at https://infonet.gist.ac.kr/?page_id=8567
- Occasional real-time Zoom sessions

Social Interaction

- KakaoTalk Room:

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This is the Blockchain and Future Society talk room I mentioned about in the first class today.
This room is to promote interactions among class mates and me.
You can ask questions. I will response as soon as I can.

Please have the message arrival alarm turned off.

If you are not intending to take class, you may please leave the room quietly.

- Clubhouse?

Course Grades

- Midterm (20%), Final (30%): Off-line classroom exams.
- Term Project Report (30%)
- 6 Homeworks (20%)
- A – Top 40%
- B – Next top 40%
- C – No desire to give them, unless necessary.

Homework Policies

- Discussion and exchange of ideas among classmates are encouraged.
- Homework submission from a group of up to 2 persons is allowed.