

External Sources

The purpose of this document is to provide students in the course with a collection of supplementary materials. These resources aim to enhance their comprehension of the diverse topics covered in the course.

They primarily consist of studies, videos, and podcasts designed to facilitate deeper exploration of potentially complex and ramified subjects.

These external sources are divided by topic:

Blockchain Technology & Consensus Protocols

- McKinsey: Blockchain explained: what it is and isn't, and why it matters <https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/blockchain-explained-what-it-is-and-isnt-and-why-it-matters>
- World Bank: Distributed Ledger Technology (DLT) and Blockchain. FinTech Note n°1 <https://documents1.worldbank.org/curated/en/177911513714062215/pdf/122140-WP-PUBLIC-Distributed-Ledger-Technology-and-Blockchain-Fintech-Notes.pdf>
- Fraunhofer: “Blockchain and Smart Contracts. Technologies, Research issues and applications” available at: https://www.iuk.fraunhofer.de/content/dam/iuk/en/docs/Fraunhofer-Paper_Blockchain-and-Smart-Contracts_EN.pdf
- IBM: <https://www.ibm.com/topics/blockchain>
- International Monetary Fund: [Blockchain Consensus Mechanisms: A Primer](#)

Bitcoin & Smart Contract Platforms

- Transaction Visualizer: <https://txstreet.com/v/eth-btc>
- Crypto Accets Tracker: <https://www.coingecko.com/>
- Ethereum Blockchain Explorer: <https://etherscan.io/>

Smart Contracts & DeFi

- Harvard Business Review: <https://hbr.org/2022/05/what-is-web3>
- Smart Contracts IBM available at: <https://www.ibm.com/de-de/topics/smart-contracts>
- [https://coinmarketcap.com/alexandria/glossary/ethereum-virtual-machine-vm/](https://coinmarketcap.com/alexandria/glossary/ethereum-virtual-machine-ethereum-virtual-machine-vm/)
- <https://ethereum.org/en/history/#whitepaper>
- <https://ethereum.org/en/developers/docs/dapps/>
- <https://ethereum.org/en/dapps/>
- <https://ethereum.org/en/developers/docs/evm/>
- <https://ethereum.org/en/developers/docs/intro-to-ethereum/>
- <https://ethereum.org/en/nft/>
- <https://medium.com/@roberto.g.infante/smart-contracts-the-brain-of-dapps-cf886bb1bbb6>
- https://takenobu-hs.github.io/downloads/ethereum_evm_illustrated.pdf
- <https://www.bitpanda.com/academy/en/lessons/what-is-a-dapp/>
- <https://www.gemini.com/cryptopedia/blockchain-types-pow-pos-private#section-blockchain-types>
- DeFi Tracker: <https://defillama.com/chains>
- [Smart Contracts: The Ultimate Guide](#)
- [Best Free Resources to Get Started on your Web3 Journey](#)

Tokens & Development

- Create your own ERC-20 token in an hour: <https://steemit.com/ethereum/@maxnachamkin/how-to-create-your-own-ethereum-token-in-an-hour-erc20-verified>

- How to become an Ethereum Developer:
<https://hackmd.io/NS-XCiEbS2GUpI8Wu1Xdew>

Oracles, Data, GDPR

- <https://academy.binance.com/en/articles/what-is-decentralized-storage>
- https://commission.europa.eu/law/law-topic/data-protection/reform/rules-business-and-organisations/principles-gdpr/how-long-can-data-be-kept-and-it-necessary-update-it_en
- https://europa.eu/youreurope/business/dealing-with-customers/data-protection/data-protection-gdpr/index_en.htm
- <https://gdpr-info.eu/>
- <https://gdpr.eu/>
- <https://www.ibm.com/topics/data-storage#:~:text=Data%20can%20be%20recorded%20and,block%20storage%20and%20object%20storage.&text=File%20storage%2C%20also%20called%20file,to%20organize%20and%20store%20data>
- <https://icomunity.io/en/blockchain-and-gdpr/>
- <https://medium.com/@backpacinc/blockchain-data-connectivity-vs-traditional-telecom-carriers-1ddbda2e6a98>
- [https://www.europarl.europa.eu/RegData/etudes/STUD/2019/634445/EPRS_STU\(2019\)634445_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2019/634445/EPRS_STU(2019)634445_EN.pdf)
- <https://www.techtarget.com/searchstorage/definition/blockchain-storage>
- [Everything You Need To Know on Crypto Token Development Tools](#)
- Decrypt: [Non-Fungible Tokens Beginner's Guide](#)
- Simply Explained – [NFTs Explained in 4 minutes](#)

Wallets & Security

- https://en.wikipedia.org/wiki/Cryptocurrency_wallet
- <https://bitcoin.org/en/choose-your-wallet>
- Guide to Cryptocurrency Wallets: [Beginners to Experts](#)

- Kaspersky: [What is a crypto wallet and how to protect it](#)
- Kaleido: [Blockchain Wallets: The Gateway to Digital Assets and Transactions](#)
- Metamask: [Security in Web3](#)

Miscellaneous

- <https://medium.com/@cedricheidt/the-hitchhikers-guide-to-the-blockchain-a-collection-of-resources-e633a4e81a32>



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