**PIAIC Quarter 1**

**Weekly Live Review Class & Coding Workshop**

**Schedule & Details**

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https://www.piaic.org

*April 3, 2020*

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# Schedule of Weekly Live Review Classes

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| **PIAIC General** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/piaic/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  The following topics will be covered in during the below sessions: | | | |
| **Faculty** | | **Day** | **Timing** |
| Adil Altaf | | Every Friday  First class on April 10 | 9 PM - 11 PM |
| **Git** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/piaic/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  The following topics will be covered in during the below sessions:  Version Control using Git and GitHub  Note: This class is mandatory for all students | | | |
| **Faculty** | | **Day** | **Timing** |
| Zeeshan Hanif | | Every Friday  First class on May 29 | 8 PM - 10 PM |
| **Artificial Intelligence** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/deep.learning.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-AI  The following topics will be covered in during the below sessions:  Artificial Intelligence for Everyone | Python Programming  Students may select any section based on their day and time preferences. | | | |
| **Section** | **Faculty** | **Day** | **Timing** |
| 1  Sunday Night | Inam Haq | Every Sunday  First class on April 12 | 9 PM - 11 PM |
| 2  Monday Night | Nasir Hussain | Every Monday  First class on April 13 | 9 PM - 11 PM |
| 3  Saturday Afternoon | Anees Ahmed | Every Saturday  First class on April 18 | 4 PM - 6 PM |
| 4  Saturday Night | Muhammad Qasim | Every Saturday  First class on April 18 | 9 PM - 11 PM |
| **Internet of Things** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/aiot.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-IoT  The following topics will be covered in during the below sessions:  IoT Fundamentals | Rust Programming  Students may select any section based on their day and time preferences. | | | |
| **Section** | **Faculty** | **Day** | **Timing** |
| 1  Sunday Afternoon | Imran Ali | Every Sunday  First class on April 12 | 12 PM - 2 PM |
| 2  Saturday Afternoon | Fahim-Uz-Zaman | Every Saturday  First class on April 18 | 2 PM - 4 PM |
| **Cloud Native** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/cloud.native.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-CN  The following topics will be covered in during the below sessions:  Linux | Docker | Kubernetes  Students may select any section based on their day and time preferences. | | | |
| **Section** | **Faculty** | **Day** | **Timing** |
| 1  Sunday Afternoon | Aamir Pinger | Every Sunday  First class on April 12 | 4 PM - 6 PM |
| 2  Wed.  Night | Daniyal Nagori | Every Wednesday  First class on April 15 | 9 PM - 11 PM |
| 3  Saturday Afternoon | Mohsin Khalid | Every Saturday  First class on April 18 | 12 PM - 2 PM |
| **Blockchain** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/cryptowitai.blockchain/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-BC  The following topics will be covered in during the below sessions:  Blockchain Business Foundations  Students may select any section based on their day and time preferences. | | | |
| **Section** | **Faculty** | **Day** | **Timing** |
| 1  Sunday Afternoon | Ahmad Manzoor | Every Sunday  First class on April 12 | 2 PM - 4 PM |
| 2  Tuesday Night | Zeeshan Hanif | Every Tuesday  First class on April 14 | 9 PM - 11 PM |

# Schedule of Weekly Workshops

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| **Python Programming**  **(Artificial Intelligence)** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/deep.learning.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-AI  The following topics will be covered in during the below sessions:  Python Programming | | |
| **Faculty** | **Day** | **Timing** |
| Nasir Hussain  Muhammad Qasim | Every Thursday  First class on May 7th | 9 PM - 11 PM |
| **Rust Programming**  **(Internet of Things)** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/aiot.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-IoT  The following topics will be covered in during the below sessions:  Rust Programming | | |
| **Faculty** | **Day** | **Timing** |
| Imran Ali | Every Tuesday  First class on May 5th | 4 PM - 6 PM |
| **Linux + Docker + Kubernetes**  **(Cloud Native Computing)** | **Live Stream Available on:**  Facebook: <https://www.facebook.com/groups/cloud.native.edu/>  YouTube:<https://www.youtube.com/channel/UC2Makv_pLAtvrjHNgg-pBLg/>  Student Telegram Chat Group: PIAIC-CN  The following topics will be covered in during the below sessions:  Linux | Docker | Kubernetes | | |
| **Faculty** | **Day** | **Timing** |
| Adil Altaf  Ameen Alam | Every Wednesday  First class on April 15th | 4 PM - 6 PM |

# Weekly Live Review Class Schedule

PIAIC programs are divided into multiple quarters, each having a duration of 3 months. Although online students are able to self study at their own pace, this weekly schedule will serve to keep students on track by providing a weekly baseline.

To assist online students, PIAIC will conduct live review classes according to the following schedule for each of the available programs. Students will be able to participate in these live review classes via Facebook and YouTube.

The following weekly sessions will be held for all Quarter 1 online students:

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| **Artificial Intelligence** | **Cloud Native Computing** | **Internet of Things** |
|  |  |  |
| **Blockchain** | **Git** | **PIAIC General** |

A checklist of videos has also been made available to all students. You may make a copy of the checklist to use it: [PIAIC Q1 Video Checklist](https://docs.google.com/spreadsheets/d/1HOCZzfWny17C35OkS2zvXHh_0qyJxJaXm8NRQaqzxU8/edit?usp=sharing)

## Artificial Intelligence

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Topics Covered** | **PIAIC Videos** | **Date** |
| 1 | **Introduction to Machine Learning, Data Science, and AI**  Artificial Intelligence for Everyone  *Source:* [Coursera](https://www.coursera.org/learn/ai-for-everyone)  Note: All optional sections in the Coursera AI for Everyone course are required sections in this course. | AIC001 - AIC022 | Week of April 12, 2020 |
| 2 | **Introduction to Machine Learning, Data Science, and AI (Continued)**  Artificial Intelligence for Everyone  *Source:* [Coursera](https://www.coursera.org/learn/ai-for-everyone)  Note: All optional sections in the Coursera AI for Everyone course are required sections in this course. | AIC023 - AIC037 | Week of April 19, 2020 |
| 3 | **Quiz 1: Artificial Intelligence for Everyone** | AIC001 - AIC037 | Week of April 26, 2020 |
| 4 | **Python Programming Part 1**  Chapters 1 - 15 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC038 - AIC049 | Week of May 3, 2020 |
| 5 | **Python Programming Part 1 (Continued)**  Chapters 16 - 20 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC050 - AIC059 | Week of May 10, 2020 |
| 6 | **Python Programming Part 1 (Continued)**  Chapters 21 - 24 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC060 - AIC069 | Week of May 17, 2020 |
| 7 | **Python Programming Part 1 (Continued)**  Chapters 25 - 40 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC070 - AIC081 | Week of May 24, 2020 |
| 8 | **Quiz 2: Programming with Python (Part I)**  Chapters 1 - 40 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC038 - AIC081 | Week of May 31, 2020 |
| 9 | **Python Programming Part 2**  Chapters 41 - 45 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC082 - AIC086 | Week of June 7, 2020 |
| 10 | **Python Programming Part 2 (Continued)**  Chapters 46 - 50 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC087 - AIC092 | Week of June 14, 2020 |
| 11 | **Python Programming Part 2 (Continued)**  Chapters 51 - 61 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC093 - AIC094 | Week of June 21, 2020 |
| 12 | **Python Programming Part 2 (Continued)**  Chapters 62 - 77 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC095 - AIC099 | Week of June 28, 2020 |
| 13 | **Quiz 3: Programming with Python (Part II)**  Chapters 1 - 77 of *A Smarter Way to Learn Python: Learn it faster.*  *Remember it Longer* by Mark Myers | AIC082 - AIC099 | Week of July 5, 2020 |

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## Internet of Things

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| **Week** | **Topics Covered** | **PIAIC Videos** | **Date** |
| 1 | [**Introduction to Internet of Things and Embedded Systems**](https://docs.google.com/presentation/d/14OcW4HfS2i1Db1uKOU6SrckFEFjhSLMgfnHYB3XlEZo/edit?usp=sharing)   * What is the Fourth Industrial Revolution? * What is IoT? * Embedded Systems * Hardware and Software for IoT * Edge and Cloud Computing * The future of IoT is AI * Blockchain in the Internet of Things? * IoT + AI + Blockchain: The Fourth Industrial Revolution has begun | IOT001 - IOT047 | Week of April 12, 2020 |
| 2 | [**Introduction to Internet of Things and Embedded Systems**](https://docs.google.com/presentation/d/14OcW4HfS2i1Db1uKOU6SrckFEFjhSLMgfnHYB3XlEZo/edit?usp=sharing)   * What is the Fourth Industrial Revolution? * What is IoT? * Embedded Systems * Hardware and Software for IoT * Edge and Cloud Computing * The future of IoT is AI * Blockchain in the Internet of Things? * IoT + AI + Blockchain: The Fourth Industrial Revolution has begun | IOT048 - IOT107 | Week of April 19, 2020 |
| 3 | **Quiz 1: Introduction to Internet of Things (IoT)**   * [**Introduction to Internet of Things and Embedded Systems**](https://docs.google.com/presentation/d/14OcW4HfS2i1Db1uKOU6SrckFEFjhSLMgfnHYB3XlEZo/edit?usp=sharing) | IOT001 - IOT107 | Week of April 26, 2020 |
| 4 | **Rust Programming Part 1**   * Chapter 3 of <https://doc.rust-lang.org/nightly/book/> * Read & Watch: <https://hub.packtpub.com/rust-is-the-future-of-systems-programming-c-is-the-new-assembly-intel-principal-engineer-josh-triplett/> | IOT124 - IOT145 | Week of May 3, 2020 |
| 5 | **Rust Programming Part 2**  Chapter 4.1 and 4.2 of <https://doc.rust-lang.org/nightly/book/> | IOT146 - IOT165 | Week of May 10, 2020 |
| 6 | **Rust Programming Part 3**  Chapter 5 of <https://doc.rust-lang.org/nightly/book/> | IOT166 - IOT183 | Week of May 17, 2020 |
| 7 | **Quiz 2: Rust Programming I**  Chapter 3, 4.1, 4.2, and 5 of <https://doc.rust-lang.org/nightly/book/> | IOT124 - IOT183 | Week of May 24, 2020 |
| 8 | **Rust Programming Part 4**  Chapter 3.2, 6.1, and 6.2 of <https://doc.rust-lang.org/nightly/book/> | IOT184 - IOT200 | Week of May 31, 2020 |
| 9 | **Rust Programming Part 4 (Continued)**  Chapter 7 of <https://doc.rust-lang.org/nightly/book/> | IOT201 - IOT227 | Week of June 7, 2020 |
| 10 | **Rust Programming Part 4 (Continued)**  Chapter 8 of <https://doc.rust-lang.org/nightly/book/> | IOT228 - IOT258 | Week of June 14, 2020 |
| 11 | **Rust Programming Part 4 (Continued)**  Chapter 9 of <https://doc.rust-lang.org/nightly/book/> | IOT259 - IOT270 | Week of June 21, 2020 |
| 12 | **Quiz 3: Rust Programming II**  Chapter .2, 6.1, 6.2, 7, 8, and 9 of <https://doc.rust-lang.org/nightly/book/> | IOT184 - IOT270 | Week of June 28, 2020 |

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## Cloud Native Computing

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| **Week** | **Topics Covered** | **PIAIC Videos** | **Date** |
| 1 | **Cloud Native: The Modern Way to Develop Software**   * [What is Cloud-Native? Is It Hype or The Future of Software Development?](https://stackify.com/cloud-native/) * [What is cloud-native? The modern way to develop software](https://www.infoworld.com/article/3281046/what-is-cloud-native-the-modern-way-to-develop-software.html) * [Cloud Native: A New Wave of Digital Disruption](https://www.accenture.com/t20181112T080927Z__w__/us-en/_acnmedia/PDF-90/Accenture-Cloud-Native-POV-Final.pdf) * [The CNCF sees a surge in cloud-native adoption](https://www.itopstimes.com/cloud/the-cncf-sees-a-surge-in-cloud-native-adoption/) * [10 KEY ATTRIBUTES OF CLOUD-NATIVE APPLICATIONS](https://thenewstack.io/10-key-attributes-of-cloud-native-applications/) * [Why Developers And Business Leaders Are Going Cloud Native](https://www.forbes.com/sites/forbestechcouncil/2018/07/16/why-developers-and-business-leaders-are-going-cloud-native/#21cd0a8327f3) * [Cloud Native Case Study: Pinning its Past, Present, and Future on Cloud Native](https://www.cncf.io/blog/2018/08/14/pinning-its-past-present-and-future-on-cloud-native/) * [Why the Adoption of Kubernetes Will Explode](https://www.upwork.com/hiring/for-clients/adoption-kubernetes-will-explode/) * [Report Finds Kubernetes Job Market Hot](https://containerjournal.com/2018/12/10/indeed-report-finds-kubernetes-job-market-hot/) | CNC001 - CNC013 | Week of April 12, 2020 |
| 2 | **Linux**  Chapters 1, 2, 4, 5, 7, 8, and 9 from *Linux: Easy Linux for Beginners* by Felix Alvaro | CNC014 - CNC023 | Week of April 19, 2020 |
| 3 | **Linux (Continued)**  Chapters 1, 2, 4, 5, 7, 8, and 9 from *Linux: Easy Linux for Beginners* by Felix Alvaro | CNC024 - CNC038 | Week of April 26, 2020 |
| 4 | **Quiz 1: Linux**  Chapters 1, 2, 4, 5, 7, 8, and 9 from *Linux: Easy Linux for Beginners* by Felix Alvaro | CNC014 - CNC038 | Week of May 3, 2020 |
| 5 | **Docker**  Chapters 1 to 6 of *Docker Deep Dive* by Nigel Poulton | CNC039 - CNC057 | Week of May 10, 2020 |
| 6 | **Docker (Continued)**  Chapters 7 to 8 of *Docker Deep Dive* by Nigel Poulton | CNC058 - CNC067 | Week of May 17, 2020 |
| 7 | **Quiz 2: Docker**  Chapters 1 to 8 of *Docker Deep Dive* by Nigel Poulton | CNC039 - CNC067 | Week of May 24, 2020 |
| 8 | **Kubernetes Part 1**  Chapter 1 to 2 of *Kubernetes in Action* by Marko Luksa | CNC068 - CNC083 | Week of May 31, 2020 |
| 9 | **Kubernetes Part 1 (Continued)**  Chapter 3 of *Kubernetes in Action* by Marko Luksa | CNC084 - CNC110 | Week of June 7, 2020 |
| 10 | **Kubernetes Part 1 (Continued)**  Chapter 4 of *Kubernetes in Action* by Marko Luksa | CNC111 - CNC122 | Week of June 14, 2020 |
| 11 | **Quiz 3: Kubernetes Part 1**  Chapter 1 to 4 of *Kubernetes in Action* by Marko Luksa | CNC068 - CNC122 | Week of June 21, 2020 |
| 12 | **Kubernetes Part 2**  Chapter 5 to 6 of *Kubernetes in Action* by Marko Luksa | CNC123 - CNC147 | Week of June 28, 2020 |
| 13 | **Kubernetes Part 2 (Continued)**  Chapter 7 & 9 of *Kubernetes in Action* by Marko Luksa | CNC148 - CNC169 | Week of July 5, 2020 |
| 14 | **Quiz 4: Kubernetes Part 2**  Chapter 5, 6, 7 & 9 of *Kubernetes in Action* by Marko Luksa | CNC123 - CNC169 | Week of July 12, 2020 |

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## Blockchain

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| **Week** | **Topics Covered** | **PIAIC Videos** | **Date** |
| 1 | **Fundamentals of Blockchain**  Why Blockchain What is Blockchain?  Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos  Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide | BCC001 - BCC016 | Week of April 12, 2020 |
| 2 | **Fundamentals of Blockchain (Continued)**  Bitcoin, Double Spending and Wallets   * <https://bitcoin.stackexchange.com/questions/8172/what-happens-if-two-miners-mine-the-next-block-at-the-same-time/8174> * <https://coinsutra.com/bitcoin-double-spending/>   Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos  Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide | BCC017 - BCC021 | Week of April 19, 2020 |
| 3 | **Fundamentals of Blockchain (Continued)**  Transaction Input Output, Change and Mining   * <https://www.coindesk.com/information/how-do-bitcoin-transactions-work/>   Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos  Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide | BCC022 - BCC028 | Week of April 26, 2020 |
| 4 | **Fundamentals of Blockchain (Continued)**  Public Key Cryptography & Merkle Tree   * <https://bitzuma.com/posts/six-things-bitcoin-users-should-know-about-private-keys/> * <https://bitcoin.stackexchange.com/questions/43546/does-the-private-key-of-bitcoin-change-everytime-the-address-changes> * <https://www.webopedia.com/TERM/H/hashing.html> * <https://coincentral.com/merkle-tree-hashing-blockchain/>   Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos  Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide | BCC029 - BCC030 | Week of May 3, 2020 |
| 5 | **Fundamentals of Blockchain (Continued)**  Distributed Trustless Consensus   * <https://keepingstock.net/explaining-blockchain-how-proof-of-work-enables-trustless-consensus-2abed27f0845> * <https://101blockchains.com/consensus-algorithms-blockchain/> * Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos * Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide | BCC031 - BCC039 | Week of May 10, 2020 |
| 6 | **Quiz 1: Bitcoin & Blockchain**   * Chapter 1 & 2 of *Mastering Bitcoin: Programming the Open Blockchain 2nd Edition* by Andrea Antonopoulos * Chapters 1, 2, 3, 4, 5, 6, 7, and 8 from CBBF Official Exam Study Guide * Also all Articles mentioned above in Weeks 1 - 5 | BCC001 - BCC039 | Week of May 17, 2020 |
| 7 | **Blockchain 2.0 and Ethereum Part 1**   * Chapters 9 and 10 from CBBF Official Exam Study Guide * [What is Ethereum?](https://github.com/ethereumbook/ethereumbook/blob/develop/01what-is.asciidoc) * [Introduction](https://github.com/ethereumbook/ethereumbook/blob/develop/02intro.asciidoc) * [Object-Oriented Programming: Objects, Classes & Methods](https://study.com/academy/lesson/oop-object-oriented-programming-objects-classes-interfaces.html) * [What's the difference between a solidity contract and an OOP class?](https://ethereum.stackexchange.com/questions/23789/whats-the-difference-between-a-solidity-contract-and-an-oop-class) | BCC040 - BCC056 | Week of May 24, 2020 |
| 8 | **Blockchain 2.0 and Ethereum Part 2**   * [Ethereum Client (Parity not covered)](https://github.com/ethereumbook/ethereumbook/blob/develop/03clients.asciidoc) * [Ethereum Testnets](https://medium.com/compound-finance/the-beginners-guide-to-using-an-ethereum-test-network-95bbbc85fc1d) * [Keys and Addresses (Just study the Introduction)](https://github.com/ethereumbook/ethereumbook/blob/develop/04keys-addresses.asciidoc) * [Wallets (only up to Wallet Best Practices)](https://github.com/ethereumbook/ethereumbook/blob/develop/05wallets.asciidoc) * [Transactions (Digital signatures section not included)](https://github.com/ethereumbook/ethereumbook/blob/develop/06transactions.asciidoc) | BCC057 - BCC065 | Week of May 31, 2020 |
| 9 | **Quiz 2: Ethereum and Blockchain**   * Chapters 9 and 10 from CBBF Official Exam Study Guide * Also all Articles mentioned above in Weeks 7 - 8 | BCC040 - BCC065 | Week of June 7, 2020 |
| 10 | **Blockchain 2.0 and Ethereum Part 3**   * [What is a Smart Contract (till Building a smart contract with Solidity)](https://github.com/ethereumbook/ethereumbook/blob/develop/07smart-contracts-solidity.asciidoc#what-is-a-smart-contract) * [Why Many Smart Contract Use Cases Are Simply Impossible](https://www.coindesk.com/three-smart-contract-misconceptions/) * [Deploying Smart Contracts](https://github.com/ethereumbook/ethereumbook/blob/develop/07smart-contracts-solidity.asciidoc) * [Tokens](https://github.com/ethereumbook/ethereumbook/blob/develop/10tokens.asciidoc)   + What are tokens?   + How are tokens used?   + Tokens and fungibility   + Counterparty Risk   + Tokens and intrinsicality   + Using tokens: utility or equity   + Token Standards (Just the very basics and a little bit of ERC20) | BCC065 - BCC087 | Week of June 14, 2020 |
| 11 | **Private Blockchain Technologies**   * [Blockchain Technology: Architecture, Consensus, and Future Trends](https://www.researchgate.net/publication/318131748_An_Overview_of_Blockchain_Technology_Architecture_Consensus_and_Future_Trends) * [A gentle introduction to The Hyperledger Project](https://bitsonblocks.net/2016/12/09/a-gentle-introduction-to-the-hyperledger-project/) * [Hyperledger](https://en.wikipedia.org/wiki/Hyperledger) * [What’s the Difference Between the 5 Hyperledger Blockchain Projects?](https://www.sdxcentral.com/articles/news/whats-the-difference-between-the-5-hyperledger-blockchain-projects/2017/09/) * [The top 5 enterprise blockchain platforms you need to know about](https://www.horsesforsources.com/top-5-blockchain-platforms_031618) * [Different Smart Contract Platforms](https://blockgeeks.com/guides/different-smart-contract-platforms/) | BCC088 - BCC108 | Week of June 21, 2020 |
| 12 | **Blockchain Use Cases and Verticals**   * Chapters 11 and 12 from CBBF Official Exam Study Guide * Chapter 2 Summary, Chapter 3 From Building Ethereum ĐApps * Chapters 13 and 14 from CBBF Official Exam Study Guide | - | Week of June 28, 2020 |
| 13 | **Quiz 3: Blockchain**   * Chapters 9 to 12 from CBBF Official Exam Study Guide * Chapter 2 Summary, Chapter 3 From Building Ethereum ĐApps * Chapters 13 and 14 from CBBF Official Exam Study Guide * Also all Articles mentioned above in Weeks 10 - 12 | BCC065 - BCC108 | Week of July 5, 2020 |

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# Important Notes

1. Dates for Quiz 1 of Quarter 1 AI, IoT, Cloud and Blockchain will be announced soon and scheduled in April. You will give your exam at home using the Safe Exam Browser, please install it:

https://safeexambrowser.org/download\_en.html

1. The schedule for Live Coding Workshops will be announced at a later date after we start coding in our classes.
2. Innovation Program classes will also be announced at a later date. These will be mandatory for all students.
3. Students must allow StreamYard access to their Facebook account information to show their names in the live stream. Otherwise their comments will remain anonymous. To allow access, visit: [www.streamyard.com/facebook](http://www.streamyard.com/facebook)
4. A timetable with dates for each section of classes is available here:   
   [PIAIC Quarter 1 Review Class Schedule](https://docs.google.com/spreadsheets/d/10g_OP8EFDqYV_ix9WdvAMb7cgzKqAoel8_hK6qRZYEE/edit?usp=sharing)
5. A checklist of videos has also been made available to all students. You may make a copy of the checklist to use it: [PIAIC Q1 Video Checklist](https://docs.google.com/spreadsheets/d/1HOCZzfWny17C35OkS2zvXHh_0qyJxJaXm8NRQaqzxU8/edit?usp=sharing)