UCT Blockchain Club - Powered by Consensys Blockchain workshops

Pre-Workshop Prep

This was essentially covered in the Linum-Labs Workshops

Ethereum Overview
https://truffleframework.com/tutorials/ethereum-overview

CryptoZombies - Lesson 1-3
https://cryptozombies.io/

PetShop Tutorial
https://truffleframework.com/truffle

Content to cover over next 3 sessions.

Session 1

CryptoZombies - Lesson 4 -6
https://cryptozombies.io/

Ethereum 101
https://www.consensys.university/s/Eth-101-Kauri-1.pdf

Tools: MetaMask Ganache, MIST

Create Own Token
https://ethereum.org/token

Session 2

Solidity CRUD
https://medium.com/@robhitchens/solidity-crud-part-1-824ffa69509a

Solidity Implementation of the State Machine Design Pattern
https://blog.tokenfoundry.com/a-solidity-implementation-of-the-state-machine-design-pattern/

Building Robust Smart Contracts with Open Zeppelin
https://truffleframework.com/tutorials/robust-smart-contracts-with-openzeppelin

Session 3

Deploying to the live network
https://truffleframework.com/tutorials/deploying-to-the-live-network

Debugging a smart contract
https://truffleframework.com/tutorials/debugging-a-smart-contract

Solidity Unit Tests
https://truffleframework.com/tutorials/solidity-unit-tests