

Blockchain Technology Course Schedule

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|--|--|--|--|----------------------|
| WELCOME + PRETEST | QUIZ & DISCUSSION | QUIZ & DISCUSSION | QUIZ & DISCUSSION | QUIZ & DISCUSSION |
| BLOCKCHAIN AT A GLANCE | CRYPTOGRAPHY INTRODUCTION | CRYPTOGRAPHIC ASSUMPTIONS AND CHALLENGES | DISTRIBUTED LEDGERS | PERMISSIONED CHAINS |
| CYPHERPUNK ETHOS & DECENTRALIZED SYSTEMS | HASHING AND MERKLE TREES | DISTRIBUTED SYSTEMS | CONSENSUS IN DISTRIBUTED SYSTEMS AND BLOCKCHAINS | HYPERLEDGER FABRIC |
| MONEY INSTITUTIONS & CASE FOR ALTERNATIVES | SYMMETRIC ENCRYPTION | P2P DESIGN | PROOF OF WORK AND SECURITY | HYPERLEDGER LAB |
| SOCIAL TRUST LAB | ASYMMETRIC ENCRYPTION AND DIGITAL SIGNATURES | TRUST AND P2P | PROOF OF STAKE | USE CASE EXPLORATION |
| SOCIAL TRUST AND DISTRIBUTED SYSTEMS | CRYPTO LAB | P2P LAB | CONSENSUS LAB | |
| BYZANTINE GENERALS LAB | | | | |

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|-------------------------------------|----------------------------------|--|--|-----------------------------------|
| QUIZ & DISCUSSION | QUIZ & DISCUSSION | QUIZ & DISCUSSION | QUIZ & DISCUSSION | QUIZ & DISCUSSION |
| BITCOIN ORIGINS AND MECHANICS | ETHEREUM INTRODUCTION | DIGITAL ASSETS TOKENIZATIONS AND NETS | FORENSICS LAB | TECHNICAL CONCEPTS REVIEW |
| BITCOIN MINING AND TRANSACTIONS | ETHEREUM MINING POS AND SECURITY | TOKEN-BASED COMMUNITIES AND NETS IN PRACTICE | | FUTURE TRAJECTORIES AND SYNTHESIS |
| BITCOIN NODES AND NETWORK | ETHEREUM NETWORK | TOKEN LAB | BLOCKCHAIN IN THE REAL WORLD | FINAL EXAM |
| BITCOIN SECURITY AND LEGAL CONCERNS | SMART CONTRACTS AND SOLIDITY | ILLICIT FINANCE FORENSICS AND REGULATION | CBDC AND STABLECOINS | OUTBRIEF AND AAR |
| BITCOIN LAB | ETHEREUM LAB | BLOCKCHAIN FORENSICS | BLOCKCHAIN IN GEOPOLITICAL COMPETITION | |