

Encode Academy

Course Introduction

ABOUT US

Extropy.io was founded 2015 by Laurence Kirk in Oxford to provide consultancy services in Distributed Ledger Technology. Laurence is also the founder of the Oxford Blockchain Society.

**INNOVATE.
QUALITY.
CUTTING EDGE.**



CONTACT US

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EXTROPY.IO

CONSULTANCY IN DISTRIBUTED
LEDGER TECHNOLOGY

Providing Blockchain solutions
DApp development and customised
blockchains
Security Audits

Free Developer Workshops

- Basic
- Enterprise
- Advanced EVM
- Zero Knowledge Proofs

Business Workshops

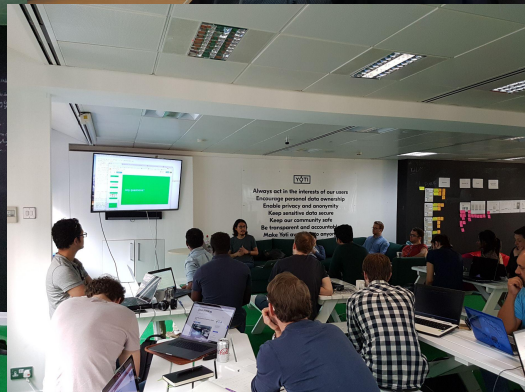
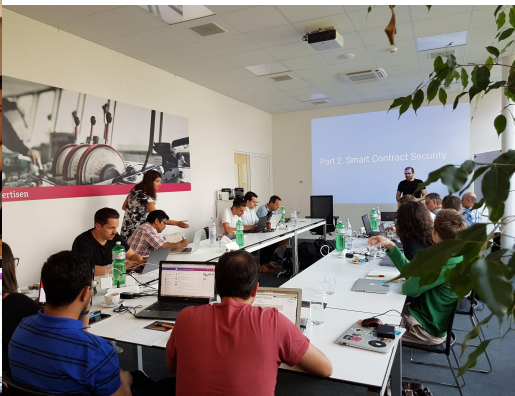
Website :

<https://extropy.io>

Email : info@extropy.io

Twitter : [@extropy](https://twitter.com/extropy)

Running workshops and hackathons since 2017



Course Outline

Week 1 - Introduction to blockchain and Ethereum

Week 2 - Solidity development

Week 3 - Web3 technologies

Week 4 - DApp design

Week 5 - Smart contract security

Week 6 - Advanced solidity

Week 7 - Developing for DeFi

Week 8 - Associated technology / projects

We are aiming for a very practical course, our philosophy is that the best way to learn is to do

We encourage you to experiment, we are on hand to answer questions and support you.

Each week we will supply feedback forms so you can help shape this and future courses

During the final week we can review any material you would like to revisit

Week 1

Today - Course Introduction and Blockchain theory part 1

Thurs - Blockchain theory part 2

Fri - Ethereum architecture

Monday - Introduction to Remix

Tuesday - Blockchain Development overview

We will focus on Ethereum and EVM compatible blockchains

We have assumed no blockchain experience

How to ask questions ?

We have channels for questions

- Zoom Q&A
- Discord technical questions

Put your questions in channels rather than asking individuals

Our team :

Karol, Tom, Vincent, Cosimo, Kirsty, Luke, Jean

How do practicals work ?

The lessons will typically be split 50/50 into theory and practical

During the practical half of the lesson you can work on exercises and ask questions in the support channel

We will review the exercises at the beginning of the next lesson.

The tools we will be using are

- Remix IDE
- VSCode / Truffle in Gitpod

Teams / Projects

We will put aside some time for you to work on your own projects
For this you will need to self organise into teams of about 5 people
In week 8 we have 2 sessions for you to present your projects

For the practical work we also encourage you to work in pairs or small teams

Next lesson

Blockchain Theory 1