



Real Training. Real Practice. Real Results.

## Certified Blockchain Developer - Ethereum (CBDE)

### Training Program

This course is designed for programmers and developers who want to take a comprehensive deep dive in writing smart contracts and building applications that interact with them. This course provides detailed overviews of Ethereum, smart contracts, and the development language, Solidity. The student will be exposed to Ethereum's adaptable feature set which allows the developer to design decentralized applications for countless applications. Students will also participate in hands-on programming lab sessions to learn, develop, and advance their skills in Ethereum development.

#### Audience:

- Programmers
- Application Developers
- System Architects
- Network Architects
- Network Security Architects
- IT Professionals w/programming experience

### Learning Objectives

- An excellent overall understanding of the Ethereum architecture and Solidity language.
- All functional components (including smart contracts) required to develop an Ethereum Blockchain.
- The understanding of how to instantiate an Ethereum application on the network.
- An in-depth understanding of how transactions are created and implemented on an Ethereum network.

## CBDE





## Course Features

- Live instructor-led training in modern classrooms
- Thorough review of Blockchain by industry experts
- Hands-on labs with computer hardware and software
- 100% latest material & and all practice questions
- Confidence building hands-on training
- Classroom located in Reston & conveniently accessible from Silver Line Metro
- Study material, notes, videos and practice questions included in course price



## Course Schedule

Session	Topics
1	<ul style="list-style-type: none"><li>• What is Blockchain and Smart Contracts?</li><li>• Smart Contracts with WEB3.JS</li><li>• Smart Contract Events with WEB3.JS</li><li>• Functions, Mapping and Structs</li></ul>
2	<ul style="list-style-type: none"><li>• Inheritance and Deployment</li><li>• Embark Framework and its Deployment</li><li>• Solidity Smart Contracts Testing</li></ul>
3	<ul style="list-style-type: none"><li>• Contracts Management with Factories</li><li>• IPFS Files Hosting</li><li>• End to End Development of DAPP</li></ul>



## Enroll

**Online:** [www.intellectualpoint.com/student-register.php](http://www.intellectualpoint.com/student-register.php)

**Office:** Saturday–Thursday • 9AM–5 PM  
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For more information about our courses, pricing, or consultation, please call (571) 577-7890 OR (703) 554-3827  
Or email [info@intellectualpoint.com](mailto:info@intellectualpoint.com)

Payments are accepted via cash, check, or credit card. Ask us about group discounts!