

» Course Overview

In this course, students will learn all about bitcoin, including its history, development, and context within the modern global economy. Students will learn the basic cryptographic principles that underlie bitcoin, and gain confidence by demonstrating strong security principles in storing and transacting bitcoin. Key principles such as mining, wallets, and hashing will be introduced. And finally, they will be familiarized with the nascent industry of digital currencies and how they function.

» **Course Preview Video:** <https://www.pointfuleducation.com/bitcoin-preview-video>

» Course Outline by Module

Module 1	What is Bitcoin?	Module 6	Transacting Bitcoin
Module 2	Cryptography for Beginners	Module 7	Bitcoin Security
Module 3	Public and Private Keys	Module 8	Bitcoin and Money
Module 4	Nodes, Wallets, and Addresses	Module 9	Altcoins and Regulations
Module 5	Bitcoin Mining	Module 10	Bitcoin: the Past and the Future

» Instructional Components

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

Course Structure



Instruction
49%



Projects
7%



Reflections
19%



Concept Checks
11%



Exams
8%



Written Assignments
7%