

# BLOCKCHAIN BOOTCAMP I - BLOCKCHAIN SYSTEM ARCHITECT, SHORT-TERM TECHNICAL CERTIFICATE

## **Catalog Addendum (Added to Catalog after publication):**

Curriculum Code #6230

Effective October 2019

Division of Engineering, Business and Information Technologies (<https://catalogdev.lorainccc.edu/academic-programs/engineering-business-information-technologies>)

The Blockchain Engineering Technology Short-Term Technical Certificate provides a foundation in the principles of Blockchain technology, with an emphasis on the deployment, maintenance, troubleshooting of Blockchains, distributed applications, and smart contracts. Along with a broad general information technology background, students are given comprehensive information and training in computer programming languages that are pertinent to Blockchain technology and related applications. Typical job titles: Blockchain Architect, and Blockchain Smart Contract and Distributed Applications Deployment Specialist. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

### First Year

Fall Semester		Hours
BLOC 110	BLOCKCHAIN ARCHITECTURE AND PLATFORMS	4
BLOC 111	BLOCKCHAIN SOLUTIONS USING HYPERLEDGER FABRIC	3
BLOC 120	PROGRAMMING ESSENTIALS	5
SDEV 101	COLLEGE 101	1
	Hours	13

### Spring Semester

BLOC 130	BLOCKCHAIN LAWS, REGULATIONS, AND INDUSTRY STANDARDS	3
BLOC 210	DECENTRALIZED APPLICATIONS DEVELOPMENT (DAPPS)	5
BLOC 220	SMART CONTRACT DEVELOPMENT	4
CMNW 101	A+ CERTIFICATION PREPARATION I	4
	Hours	16
	Total Hours	29

<sup>1</sup> Indicates that this course requires a prerequisite.

<sup>2</sup> A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

*Note: Students who have transferred in from an accredited institution recognized by LCCC with a GPA of 2.0 or higher with 12 or more semester credits are exempt from taking SDEV 101.*

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>).

1. Communicate Blockchain concepts and applicability in technical and non-technical environments using written, oral, and graphical communication.
2. Apply knowledge, techniques, and Blockchain-relevant programming skills to deploy implementation plans, smart contracts and distributed applications, based on best practices, regulations, and industry standards.
3. Conduct standard Blockchain tests, measurements, and experiments.
4. Function effectively as a member of a technical team.