

VIPP GLOBAL VIRTUAL SUMMER SCHOOL *at Michigan State University*

# HANDS-ON BLOCKCHAIN

## COURSE DESCRIPTION

Much like the Internet in the 1990s, blockchain is becoming a critical technology platform that will underpin some of the most transformative and disruptive innovations ranging from cryptocurrencies (like Bitcoin) to contract law to privacy to cybersecurity. This Summer School program will give students a hands-on chance to complete exercises that will demonstrate what it takes to launch and support a blockchain. Students will be exposed to this new and dynamic interdisciplinary field and will have the opportunity to set up and deploy a variety of blockchain applications.

After successfully completing this short Summer School, students will be able to:

- Explain what blockchain is, how it works and why it was developed
- Describe how bitcoin operates and how it relates to blockchain
- Set up a cryptocurrency wallet, load it and trade with it
- Write a smart contract and execute it
- Create and offer for sale an NFT (non-fungible token)
- Set up and run an Algorand private network

## DETAILS

### Fees and Payment

- \$800 per person
- Pay online
- Payment deadline is July 15, 2021
- No refund once the summer school starts

### Delivery Platform

- Zoom and D2L

### Program Dates

- 10 days in a 2-week period
- Monday to Friday  
August 9 to 20, 2021



## CLASS TIME

TIME ZONE	East Lansing, MI USA (EDT)	India	China Hong Kong Indonesia (Central time) Malaysia Singapore Taiwan	Japan S. Korea
Local Time	8:00am - 9:30am	5:30pm - 7:00pm	8:00pm - 9:30pm	9:00pm - 10:30pm

## Notes:

- A total of 15 synchronous contact hours and approximately 15 hours of offline project time
- This course is equivalent to 1 credit at MSU but no official MSU credit will be awarded.

## COURSE FEATURE

Capitalizing on advanced technology, this virtual Summer School program provides international college students a great opportunity to study with MSU faculty on a new and fast-changing topic without leaving home. Its substantially lower program cost than traditional in-person programs will make the program more accessible to students around the world. The program's interdisciplinary nature will be suitable to students from any background who are interested in exploring new concepts and technology. Guest lectures from the industry will enhance the classroom learning experience.

## INSTRUCTOR

## NEIL KANE

*Faculty, Author, Entrepreneur  
Burgess Institute for Entrepreneurship & Innovation  
Michigan State University*

**Neil Kane** is a long-time entrepreneur. He has started more than a dozen companies in multiple industries and has raised over \$20 million in venture capital. He has held a variety of technical and marketing positions at IBM and Microsoft. He is a co-author of "The Innovator's Secret Formula." His [LinkedIn profile](#) contains additional background material. His [blog](#) contains a comprehensive list of his writings about entrepreneurship and leadership, including the pieces he has written for [Forbes](#).

## ADMISSION REQUIREMENT

- Must be at least 18 years old
- Undergraduate students or Master Degree student at any accredited college
- Intermediate English skills
- Any major
- Must have a modern laptop or desktop computer and access to a reliable internet connection
- Must have a webcam
- Commitment to participate in all scheduled online meetings and complete all assignments on time.

## Certification

- A joint certificate by VIPP and MSU Department of Management

## Special Note

- Students who attend this program will receive a \$300 discount when they apply for any future in-person Summer School Program.

## APPLICATION

**Application will open on May 15, 2021 and close on [June 15, 2021](#).**

**Contact us at [vippmsu@msu.edu](mailto:vippmsu@msu.edu) for further information**



**APPLY TODAY!**

