BLOCKCHAIN: TECHNOLOGIES AND APPLICATIONS FOR BUSINESS | Program Topics

The Blockchain: Technologies and Applications for Business program curriculum covers the following topics:

**Topic 1 | Overview of Blockchain Technology**
- What is blockchain technology and where did it come from?
- Who owns, manages, and governs blockchain and cryptocurrencies?
- What are the broad implications for business, society, and government?

**Topic 2 | The Cryptocurrency Network**
- Overview of the more than 1,000 cryptocurrencies including Bitcoin and Ripple
- What are the major cryptocurrencies in the global market and what makes one more secure, popular, or volatile?
- What exchanges are out there for rating, trading, and liquidity?

**Topic 3 | Strategic Applications of Blockchain Technology in Existing Businesses**
- Use cases on a variety of blockchain applications including supply chain, healthcare, consumer, and social impact
- Learn how companies can use new technologies such as blockchain to enter new markets or turn around a flagging business

**Topic 4 | Entrepreneurial Ventures Using Blockchain**
- Overview of the developing blockchain ecosystem from service providers to initial coin offerings
- Insights for entrepreneurs and investors on the market and how it’s evolving
- Identifying new opportunities in the blockchain ecosystem

**Topic 5 | Regulatory and Policy Considerations of Blockchain Technology**
- Latest regulatory and policy developments and governance of blockchain in major economies
- Smart contracts and why they’re increasing in popularity for a variety of applications

**Topic 6 | Blockchain for Good**
- How blockchain can be used for massive social good, including use cases of BitPesa and Rippleworks
- Which sectors are seeing the greatest penetration and successes?

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**Topic 7 | Privacy and Risks in Using Blockchain Technology**
- Risks associated with adopting new technologies such as blockchain, including hacking
- Privacy considerations around the blockchain

**Topic 8 | Future of Blockchain Technology**
- Trends to keep your eye on
- Ways to apply these emerging technologies to your organization through a final capstone project
- Engage with peers to learn how others are using blockchain