



Training Course	ROCHESTON Certified Blockchain Engineer (RCBE) Certification
Course Language	English
Course Duration	Total Number of hours : 40 hours Days : 5 days Time: 8 am – 4 pm
Course Objectives	<p>In the RCBE course, participants will identify opportunities for transformation/disruption through blockchain. This includes emerging opportunities in cryptocurrencies, ICOs, and DAOs.</p> <p>An RCBE will also develop enterprise-focused use-case scenarios and determine blockchain governance, business models, business operations, customer experience and partner/channel impacts.</p> <p>They will develop the blockchain Lean Canvas and Blockchain business cases for Proof-of- Concept and MVP development.</p> <p>They will establish blockchain expertise as a distinct and self-regulating profession.</p>



<p>Course Content</p>	<p>Course Key Topic Area Includes:</p> <p>Module 1: Introduction to Blockchain Module 2: The Genesis Module 3: Types of Blockchain Module 4: Blockchain Nodes Module 5: Implementing Blockchain Disruptive Technology Module 6: Blockchain Architecture Module 7: Blockchain Protocols and Platforms Module 8: Blockchain Community Building & Its Ecosystem Module 9: Securing Blockchain Module 10: Cryptography and Cryptocurrency Module 11: Cryptocurrency Supply Control & Regulation Module 12: Integrating Cryptocurrency into the System Module 13: Hacking the Blockchain Module 14: Spectrum of Use cases Module 15: Risks and Challenges Module 16: Setup your own blockchain Module 17: Develop Business Networks Using Hyperledger Composer Module 18: Blockchain and Internet-of-things Module 19: Integrating Blockchain with IoT Module 20: Future of Blockchain Technology</p>
<p>Learning Outcomes</p>	<p>At the end of the program the trainees will be able to:</p> <ul style="list-style-type: none">- Learn to lead business outcomes- Embrace blockchain expertise as a service- Be the master of interoperability- To have distributed ledger expertise- Become a “T” shape person- Understand platforms- Understand blockchain security- Learn to simplify- Drive blockchain architecture patterns- Know standards and ecosystems



Target Audience	<p>Due to Blockchain's large scale application potential, future RCBEs can come from the following fields:</p> <ul style="list-style-type: none">- Programmers & Developers- Software Engineers & Architects- Application Architects- Cryptocurrency Enthusiasts- CTO, VP - Engineering, VP - Technologies- Security Professionals, Administrators- Govt. Officials- Professors, Researchers, and Students <p>Prerequisites of an RCBE</p> <ul style="list-style-type: none">- Basic knowledge of software development processes- Proficiency in at least one programming language- Awareness of Cryptocurrencies and other Blockchain technologies
Course Material /Technology used/ Details Relevant to the course	<p>Electronic Kit via Cyberclass (ROCHESTON's E-Learning Platform) inclusive of online Course Materials for 1 year access.</p>
Course Fees	<p>QAR 6,000 (inclusive of Exam Fee of USD400)</p> <p>15% discount on online registration.</p>