

TRAINING

Provider of
Innovation and
Technology
Services

OUR COMPANY

CyberBahn Federal Solutions, LLC is one of the fastest-growing, woman-owned small businesses providing Information Technology and Management consulting and training services primarily to the federal government and other commercial clients. We are a certified 8(a) and 8(m) business.

At CyberBahn Federal Solutions, LLC, we design, build, and operate mission-critical systems and processes to help our clients improve their performance, reduce costs, and increase efficiency. We continuously build enduring relationships with our clients through unmatched services and commitment.

OUR MISSION

CyberBahn's mission is to be an integral part of our client's efforts to achieve their strategic business goals. We adopt proven business processes, Agile methodologies including risk mitigation strategies, user-centric approaches that are fully compliant to foster cost reduction and on-time delivery with seamless integration in every project.

OUR VISION

Exceeding our customer's expectation through CyberBahn's brand value, dedicated and experienced CFS teams, delivering ahead or on time always within budget ensuring success.

In all of our service lines or verticals, we adhere to the strictest project management principles to ensure that projects are delivered on time, on budget, and with high quality results. Many of our professionals have earned either PMP® or SAFe certification.

OUR PHILANTHROPY

CyberBahn donates money and time to non-profits, advocacy, and philanthropic organizations to help build a more sustainable future for everyone. We work with several organizations in the Washington, DC metro area. To join us in becoming involved with non-profits in the Washington DC Metro area, please visit: <http://greatnonprofits.org/city/washington/DC>

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CERTIFIED TRAINING/WORKSHOPS

0

Implementing SAFe | Scaled Agile Institute | 4 days + Exam | 32SEUs/PDUs

Description

During this four-day course, attendees will learn how to lead a Lean-Agile transformation by leveraging the practices and principles of the Scaled Agile Framework® (SAFe®), as well as the seven core competencies of the Lean Enterprise. Attendees will also gain insights and practice how to coach programs, launch Agile Release Trains, build a Continuous Delivery Pipeline with DevOps culture, and a Lean Portfolio. The first two days of the course is Leading SAFe® and will provide them with the basis to teach SAFe to leaders. The final two days focus exclusively on what it takes to successfully implement SAFe in the enterprise. Becoming a Certified SAFe® 5 Program Consultant (SPC), and becoming a change agent, will enable attendees to coach and guide the enterprise to succeed in a disruptive marketplace and empower them to implement a Lean-Agile SAFe transformation.

Audience

- Agile Consultants and Trainers, Executives, Managers and Lean/Agile change agents in a large company.
- 5+ years of experience in software development, testing, business analysis, product/project management.
- Experience in Scrum.

Extra

- Certification.
- On-line account.
- Enablements to teach SAFe courses.

The course teaches Lean thinking tools, roles, processes, and the software engineering practices necessary to achieve the code quality you need to scale Scrum to your enterprise business context. It is intended for new teams in an enterprise Agile adoption program or can be used to re-baseline existing Scrum teams as required for scaling. The course begins with the principles of scaling: Lean thinking tools, Agile development practices at scale, and an overview of the Scaled Agile Framework. Teams will then learn the best practices for building quality software in a timebox. By the end of the course, teams are ready for their first program-level release planning meeting, part of the Scaled Agile Framework (SAFe) Agile Release Train (ART).

Audience

- Software developers, testers, project/product managers, and other practitioners involved in software development.
- 1+ years of related experience.

Extra

- Certification.
- On-line account.

In this course, participants gain an understanding of the role of Scrum Master in a SAFe enterprise. Unlike traditional Scrum Master training that focuses on the fundamentals of team-level Scrum, the SAFe 5.0 Scrum Master course explores the role of Scrum in the context of the entire enterprise, and prepares students to successfully plan and execute the Program Increment (PI), the primary enabler of alignment throughout all levels of a SAFe organization. This includes learning scaled Agile development, how Scrum is facilitated throughout the enterprise, and how to execute iteration planning. The students will also discover how to build high-performing Agile teams by becoming a servant leader and coach, and how to coach those teams to deliver the maximum business value that is achievable through SAFe.

Audience

- Existing Scrum Masters, Software developers, testers, project/product managers, and other practitioners involved in software development.
- 1+ years of related experience.

Extra

- Certification.
- On-line account.

This course prepares current Scrum Masters for their leadership role in facilitating Agile team, program, and enterprise success in a SAFe® implementation. The course covers facilitation of cross-team interactions in support of the program execution and relentless improvement. It enhances the Scrum paradigm with an introduction to scalable engineering and DevOps practices; the application of Kanban to facilitate the flow of value; and supporting interactions with architects, product management, and other critical stakeholders in the larger program and enterprise contexts. The course offers actionable tools for building high-performing teams and explores practical ways of addressing Agile and Scrum anti-patterns in the enterprise. Attending the class prepares you to take the exam and become a certified SAFe® Advanced Scrum Master (SASM). **This course is also accredited by IC Agile for Agile Team Facilitation (ICP-ATF) certification. Certification registration fee is an additional cost.**

Audience

- Existing Scrum Masters, software developers, testers, project/product managers, and other practitioners involved in software development.
- 3+ years of related experience.

Extra

- Certification.
- On-line account.

The program is designed for executives, managers and Agile change agents responsible for leading a Lean/Agile change initiative in a large enterprise. It validates their knowledge in applying the Scaled Agile Framework, Lean, and product development flow principles in an enterprise context, so they can lead an enterprise Agile transformation and adoption of the Scaled Agile Framework™. The course establishes an understanding of how the principles and practices of the framework support Lean Thinking, Agile Development, SAFeScrumXP, Agile Release Train, Agile Portfolio Management, Agile Architecture, and Scaling Leadership. This course is also accredited by IC Agile for Program Portfolio Management (ICP-PPM) certification. Certification registration fee is an additional cost.

Audience

- Executives, managers and Lean/Agile change agents in a large company.
- 5+ years of experience in s/w development, testing, business analysis, product/project mgmt.
- Experience in Scrum.

Extra

- Certification.
- On-line account.

In this two-day course, you will learn how the roles of Product Manager, Product Owner, Solution Manager, and Epic Owner drive the delivery of value in the SAFe enterprise. You'll get an overview of the Scaled Agile Framework® (SAFe®), the Lean-Agile mindset, and an understanding of how the Product Manager and Product Owner roles operate in the enterprise to drive the delivery of value. Finally, you will get an in-depth understanding of the specific activities, tools, and mechanics used to effectively deliver value to the enterprise. By the end of this course, you should be able to write Epics, Capabilities, Features, and User Stories within the context of SAFe, and have a solid foundation for managing backlogs and programs in a Lean-Agile enterprise.

Audience

- Product Managers, Product, Line Managers, Product Owners, Business Owners, and Business Analysts. Solution Managers, Portfolio Managers, Program Managers, PMO personnel, and Process Leads Enterprise, Solution, and System Architects.
- 2+ years of related experience.

Extra

- Certification.
- On-line account.

In this advanced three-day workshop, you will gain an in-depth understanding of the role and responsibilities of a Release Train Engineer (RTE) in the SAFe enterprise. Through experiential learning, you will learn how to facilitate and enable end-to-end value delivery through Agile Release Trains (ARTs) and value streams. You will also learn how to build a high-performing ART by becoming a servant leader and coach, and how to plan and execute a Program Increment (PI) planning event, the primary enabler of alignment throughout all levels of a SAFe organization.

Scaled Agile's SAFe Release Train Engineer exam maintains rigorous quality standards ensuring that those who have earned the certification are well prepared to effectively fulfill their role in a SAFe enterprise.

Audience

- Product Managers, Product Owners, Change Agents, Executives, Business Owners, Scrum Masters, and anyone that have an interest in the RTE role.
- 2+ years of related experience in SAFe recommended.

Extra

- Certification.
- On-line account.

This hands-on workshop covers how Kanban helps teams, leaders and managers manage IT Ops more effectively.

The course is designed to help the participants understand the current condition, model and visualize it as a Kanban system, understand and measure the current system's capability, and apply Kanban thinking to continually improve. It guides through the fundamentals of Kanban thinking and how one can apply Kanban method in his organization to understand the demand and visualize the workflow, bottlenecks and queues, and how to continually evolve the system to improve the flow of value.

Audience

- Software developers, testers, project/product managers, & other practitioners involved in software development.
- 1+ year of related experience.

Extra

- Certification.
- On-line account.

This course helps participants understand advanced techniques for product and iteration planning, project management and collaboration. The agile project management approach is targeted at projects where fast responsiveness to changing market demands is important and for organizations with innovative cultures. An agile project management approach will help dramatically improve a project team's ability to cope with change and will improve project success rate.

Using a combination of lectures, short exercises and role play as well as "agile experience", the course introduces participants to Agile practices and processes in the context of project management. After the class, the students will be prepared to take the PMI-ACP exam. This course is also accredited by IC Agile for Agile Project Management (ICP-APM) and Agile Fundamentals (ICP) certifications. Certification registration fee is an additional cost for both IC Agile credentials.

Audience

- Team members/managers, product owners, Scrum/XP coaches, project/technical managers.
- 2+ years of related experience.

Extra

- Copy of the Scrum methodology.
- Training materials & software.
- Certification.
- On-line account.

This 3-day course establishes: Standards and practices for rapidly building quality software; How to avoid upfront overdesign and practice just-in-time Development; Identify and correct potential impediments to Scrum success; Use object-oriented techniques to write more extensible software; Support collaboration, pair programming, and cross-functional teams; Write software that supports an iterative process without excessive rework; Support collaborative code ownership and embrace a common aesthetic; Implement better design alternatives and avoid upfront overdesign. This course is also accredited by IC Agile for Agile Programming (ICP-AP) and Agile Test Automation (ICP-ATA) certification. Certification registration fee is an additional cost for both IC Agile credentials.

Audience

- IT professionals, architects, BAs, developers, QA testers/engineers, and project/product managers.
- 2+ years of related experience.
- Familiarity with basic Object-Oriented concepts/terminology is recommended.

Extra

- Course contributes to CSP Certification by Scrum Alliance.
- CSP Certification.
- On-line account.

A Certified ScrumMaster® helps project teams properly use Scrum, increasing the likelihood of the project's overall success. CSMs understand Scrum values, practices, and applications and provide a level of knowledge and expertise above and beyond that of typical project managers. CSMs act as "servant leaders," helping the rest of the Scrum team work together and learn the Scrum framework. CSMs also protect the team from both internal and external distractions. To earn your CSM certificate, you must take a CSM course from a Certified Scrum Trainer (CST) and demonstrate your progress through an online CSM test. The first step toward your CSM is familiarizing yourself with Scrum.

Audience

- Existing Scrum Masters, Software developers, testers, project/product managers, and other practitioners involved in software development.
- 1+ years of related experience.

Extra

- Certification.
- On-line account.

This two-day course teaches students the foundations of Agile and Scrum from a Product Owner Perspective. Participants will learn Product Owner Roles & Responsibilities, Product Owner Planning, Product Backlog, User Stories, Prioritization & How To Accurately Estimate, Release Planning, Working Collaboratively with Teams, Scaling Across the Organization, Acceptance Criteria, Measure, Test & Adapt with Metrics and Reporting. The class will be highly interactive and hands on.

Audience

- Product Managers, Product, Line Managers, Product Owners, Business Owners, and Business Analysts. Solution Managers, Portfolio Managers, Program Managers, PMO personnel, and Process Leads Enterprise, Solution, and System Architects.
- 2+ years of related experience.

Extra

- Certification.
- On-line account.

People at every level and in practically every role in today's organizations are required to focus on customer delight, and bring innovation and continuous improvement into their work. This is a hard challenge and one that requires limbering up muscles we often haven't used for many years. This highly experiential set of learning objectives equips participants with new knowledge, tools, and techniques to implement immediately. The ICAgile Certified Professional in Business Agility Foundations (ICP-BAF) is intended to jumpstart the organizational and individual transformation towards a more responsive, value-driven reality.

Audience

- Anyone interested in the paradigm shifts necessary to enable organizational agility in today's innovative business climate will find the Business Agility Foundations course compelling.
- 2+ years of related experience recommended.

Extra

- Certification.
- On-line account.

The ICP-FDO is one of two Continuous Learning Certifications (CLCs) on the DevOps Track. This certification provides an overview of core concepts for DevOps and is geared towards a broad audience of professionals, technical and non-technical. The learning objectives cover business case for DevOps, Continuous Integration, Continuous Delivery, accompanying cultural changes, operational considerations, configuration management, etc. Participants who complete this certification will gain an excellent foundation in DevOps concepts and ingredients for a successful transition.

Audience

- Relevant roles include Developers, Testers, Operations leads and team members, Managers, Agile Coaches, or anyone aspiring to these roles. Also, anyone with a curiosity about the case for and potential of DevOps will benefit from this certification.
- 2+ years of related experience recommended.

Extra

- Certification.
- On-line account.

The ICP-ACC is one of two Continuous Learning Certifications (CLCs) on the Agile Coaching and Facilitation track. The certification focuses primarily on the mindset, roles, and responsibilities of an Agile Coach. After finishing the certification, the learner will be able to differentiate between and among mentoring, facilitating, consulting, teaching and coaching, and will also gain the skills needed to create a safe environment for meaningful collaboration and healthy conflict resolution within an agile team. This certification introduces participants to team development concepts around starting and growing teams while paying particular attention to team dynamics and the surrounding organizational system. A key part of this certification focuses on developing an understanding of the Professional Coaching skillset and the value of honing these skills to serve individuals on an agile team.

Audience

- Agile team leaders or aspiring team leaders with a passion for servant leadership and a desire to learn and practice coaching. Relevant roles include Project Managers, Scrum Masters, Iteration Managers, Agile Coaches and aspiring coaches, Product Owners, analysts, and anyone with the desire to harness the power of coaching.
- 2+ years of related experience recommended.

Extra

- Certification.
- On-line account.

NON-CERTIFIED TRAINING/WORKSHOPS

1

Online Intro to Agile & Scrum | 6 hours | 6PDUs/SEUs

This course takes through an interactive, Epic journey from the roots of Agile and Scrum to present day implementation strategies, innovation, and beyond. This well-narrated, film-style course discusses the Agile Manifesto and its 12 principles, how to implement the Scrum constructs, and the importance of the Lean/Agile mindset. The course explains why the industry is moving away from waterfall and traditional methodologies to Agile and the Scrum framework for innovation and value delivery. Participants will learn brainstorming and prioritization techniques, market experimentation, and value stream analysis for product development. The participants will also learn the roles, artifacts, and ceremonies of Scrum. Each Scrum ceremony is simulated to illustrate the best practices. The course also covers the trending frameworks for innovation like Design Thinking and Lean Startup, and how it fits into the Agile paradigm.

Audience

- IT professionals, architects, business analysts, developers; QA testers/engineers, and project/product managers.
- No to minimal related experience.

Extra

- On-line LMS account.

2

Introduction to Agile & Scrum | Scrum Alliance | 1 day | 8SEUs/PDUs

Completing this training curriculum will give participants the knowledge and experience of using Scrum to rapidly build quality software, and enable them to: Accurately estimate development tasks; Write stories and build features in sprints; Participate in each type of Scrum meeting; Use test-first development to drive design; Work effectively with legacy code; Employ techniques that reduce defects; Quickly implement effective design alternatives; Collaborate smoothly with other team members; Understand the Scrum framework and its roles, artifacts and ceremonies; Recognize the key differences between Scrum and traditional waterfall development; Define an effective strategy for continuously integrating software as it is built; Lead a Scrum team to plan, estimate, and prioritize their backlog.

Audience

- IT professionals, architects; business analysts, developers; QA testers and engineers, and project/product managers.
- No to minimal related experience.

Extra

- Course contributes to Certified Scrum Developer certification.
- On-line account.

3

Introduction to Kanban | 8 SEUs/PDUs | 1 day

The course is designed to help you understand sustainability agenda, Kanban principles and practices, visual board, WIP, and local cycle time metric, conducting Kanban-style standup meetings and replenishment, Kanban board designs, WIP limits and risks, Proto-Kanban patterns and their benefits, limitations of team-level Kanban, understanding full Kanban systems, service-orientation.

Audience

- Software developers, testers, project managers, product managers, and other practitioners involved in software development.
- 1+ year of related experience.

4

Agile for Executives | 8 SEUs/PDUs | 1 day

An executive level course ideally suited for senior leadership, high potential leaders, and those that work with and coach them. Achieve better business results and thrive in the midst of complexity. Expand your capability, and that of your senior management team to lead an engaged organization in today's rapidly changing business environment. Become an Agile leader and discover how you can harness the benefits of Agile, Lean and other creative organizational approaches to achieve healthy business growth in the midst of unpredictable challenges, without burning out or sacrificing your personal life.

Audience

- Executives, managers and Lean/Agile change agents in a large company.
- 1+ year of related experience.

BLOCKCHAIN TRAINING

CERTIFIED TRAINING/WORKSHOPS

- Cryptocurrencies and Blockchain Fundamentals
- Blockchain Architect Track
- Blockchain Developer Track
- Blockchain Tester Track
- Bitcoin Framework Track
- Certified Cryptocurrency Miner Track
- Cryptocurrency Regulations Track
- Initial Coin Offering Track

CRYPTOCURRENCIES AND BLOCKCHAIN FUNDAMENTALS

Themes

- ▶ Cryptocurrencies.
- ▶ Blockchain technology

Cryptocurrency and Blockchain Fundamentals track equips participants with the foundations of Cryptocurrencies and the underlying Blockchain technology. In addition, the learning objectives will foster discussion, which will enable participants to gain useful knowledge and insight to Cryptocurrencies and Blockchain technology. This knowledge-based certification is highly recommended if you do not have prior working knowledge in Cryptocurrency and Blockchain. When you complete the course, you will be Certified in Cryptocurrency and Blockchain Foundations (CCBF). The Fundamentals course is for: enthusiasts, professionals, including software developers, who would like to learn the basics of cryptocurrency and the blockchain technology.

1. Cryptocurrency and Blockchain Fundamentals(CCBF)

A cryptocurrency is a digital token designed to work as a medium of exchange or a method of record keeping or a new way of transferring value/assets. Blockchain is the underlying technology behind various Cryptocurrencies. Cryptocurrency & Blockchain Fundamentals (CCBF) Certification provides an overview of the Blockchain and the cryptocurrencies and how to buy them.

Audience

- Enthusiasts, and Professionals, including software developers, who like to learn about Cryptocurrencies and Blockchain Technology. The Learning Objectives do not require software programming.

Extra

- Certification.

BLOCKCHAIN ARCHITECT TRACK

Themes

- ▶ Network distribution
- ▶ Data-sharing protocols
- ▶ Security and encryption

The Blockchain Architect Track equips participants with the latest tools and techniques to develop fully tested, cleanly designed applications which integrate Blockchain technologies, with the master course emphasizing the use of cloud storage as a participating node. Courses discuss blockchain integrated network platforms, transaction design and validation, and node creation. The knowledge-based certifications in this track are Certified Blockchain Professional Architect (CBPA) and Certified Blockchain Master Architect (CBMA).

1. Blockchain Professional Architect (CBPA)

A Certified Blockchain Professional Architect knows how to design strong distributed ledger networks using smart contracts and peer/node networks. A Certified Blockchain Professional Architect can design Blockchain-based applications for enterprises and businesses in multiple Blockchain Technologies. The CBPA credential certifies individuals in Blockchain Testing from a vendor-neutral perspective.

Audience

- The ideal CBPA participant is very familiar with software test processes, and has worked with at least one programming language. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

2. Blockchain Master Architect (CBMA)

A Certified Blockchain Master Architect (CBMA) is a skilled professional with a deep understanding of Blockchain technology including the use of cloud-based tools, enabling them to create Blockchain-based applications for enterprises and businesses that feature scalability and elasticity. Certified Blockchain Master Architect is an exhaustive training, lab- and exam-based program. The CBMA credential certifies individuals in the Blockchain discipline of designing Distributed Ledger networks.

Audience

- The ideal CBMT candidate is very familiar with software testing processes, and has worked JavaScript. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

BLOCKCHAIN DEVELOPER TRACK

Themes

- ▶ Security
- ▶ Blockchain technologies: ethereum, multichain, hyperledger fabric
- ▶ Industry case studies

The Blockchain Developer Track equips participants with the latest tools and techniques to develop fully tested, cleanly designed applications featuring integrated Blockchain technologies. In addition, courses discuss cryptography and technology, which enables participants to apply Blockchain technology to their professional area of expertise and understand privacy aspects, when to use Blockchain, and how the integrated network operates. The knowledge-based certifications in this track are Certified Blockchain Professional Developer (CBPD) and Certified Blockchain Master Developer (CBMD).

1. Blockchain Professional Developer (CBPD)

A Certified Blockchain Professional Developer knows how to develop integrated smart contracts and deploy them on servers. A Certified Blockchain Professional Developer can build Blockchain based applications for enterprises and businesses in multiple Blockchain Technologies. The CBPD credential certifies individuals in the Blockchain development from a vendor-neutral perspective. This course is typically 3 to 4 days.

Audience

- The ideal CBPD participants very familiar with software development processes, and has worked with at least one of the programming language. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

2. Blockchain Master Developer (CBMD)

A Certified Blockchain Master Developer (CBMD) is a skilled professional with a deep understanding of Blockchain technology, enabling them to build Blockchain-based applications for enterprises and businesses. Certified Blockchain Professional is an exhaustive training, lab- and exam-based program. The CBMD credential certifies individuals in the Blockchain discipline of Distributed Ledger Technology from a vendor-neutral perspective. This course is typically 2 days.

Audience

- The ideal CBMD candidate is very familiar with software development processes, and has worked with at least one of the programming languages. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

Themes

- ▶ Technology stack
- ▶ Test environment
- ▶ Performance testing
- ▶ Security

The Blockchain Tester Track equips participants with the latest tools and techniques to develop fully tested, cleanly designed applications featuring integrated Blockchain technologies with the master course emphasizing the popular tools Ethereum and Hyperledger Fabric. Courses discuss cryptography technology, test planning, testing integrated network platforms, transaction validation, and non-functional testing.

The knowledge-based certifications in this track are Certified Blockchain Professional Tester (CBPT) and Certified Blockchain Master Tester (CBMT).

1. Blockchain Professional Tester (CBPT)

A Certified Blockchain Professional Tester knows how to test the strength of Blockchain integrated smart contracts, peer/node networks, and test for non-functionality. A Certified Blockchain Tester Professional can test Blockchain-based applications for enterprises and businesses in multiple Blockchain Technologies. The CBPT credential certifies individuals in Blockchain Testing from a vendor-neutral perspective.

Audience

- The ideal CBPT participant is very familiar with software test processes, and has worked with at least one programming language. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

2. Blockchain Master Tester (CBMT)

A Certified Blockchain Master Tester (CBMT) is a skilled professional with a deep understanding of Blockchain technology including the popular tools Ethereum and Hyperledger Fabric, enabling them to test Blockchain-based applications for enterprises and businesses. Certified Blockchain Master Tester is an exhaustive training, lab- and exam-based program. The CBMT credential certifies individuals in the Blockchain discipline of testing Distributed Ledger Technology.

Audience

- The ideal CBMT candidate is very familiar with software testing processes, and has worked JavaScript. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

BITCOIN FRAMEWORK TRACK

Themes

- ▶ Cryptography
- ▶ Security
- ▶ Bitcoin commerce

The Bitcoin Framework Track equips participants with the latest tools and techniques to implement fully tested, cleanly designed applications featuring integrated Bitcoin protocol and networks. In addition, courses discuss cryptography and blockchain technology, which enables participants to apply Bitcoin technology to their professional area of expertise.

1. Certified Bitcoin Framework Professional (CBFP)

Certified Bitcoin Framework Professional (CBFP) are informed about the Bitcoin blockchain, Bitcoin transactions, and how the Bitcoin network operates. CBFP can apply Bitcoin technology to understand privacy aspects, double-spending, and other issues that relate to the currency. This course is typically 2 days.

Audience

This certification is most relevant for anyone who uses Bitcoin and needs to understand and apply Bitcoin concepts to their work:

- Accountants and Controllers.
- Sales & Marketing professionals.
- Professors, Teachers, and Educators.
- Entrepreneurs.
- IT Professionals.
- Call Centre Representatives.
- Project Managers.

Extra

- Certification.

2. Bitcoin Framework Master (CBFM)

A Certified Bitcoin Framework Master (CBFM) has the same knowledge as their CBFP peers but in greater depth, and possesses expert-level knowledge about the Bitcoin protocol and network. CBFM have demonstrated the ability to develop applications which integrate with the Bitcoin network, and understand how peers communicate on the Bitcoin network, how transactions are crafted at the byte level, and how Bitcoin scripts can be written to customize the behavior of transactions. This course is typically 2 days.

Audience

- Those whose work with Bitcoin requires advanced technical knowledge, such as developers and security professionals:
- Developers and Software Engineers.
- Application Architects.
- Systems Administrators.
- Security Professionals.
- Security Auditors.
- Cybercrime and Digital Forensic Investigators.

Extra

- Certification.

Themes

- ▶ Security
- ▶ Calculating profitability
- ▶ Choosing software and hardware
- ▶ Cryptocurrency technologies: bitcoin, altcoin, ethereum, multichain, hyperledger fabric

The Cryptocurrency Miner Track equips participants with the latest tools and techniques to develop a profitable cryptocurrency mining practice utilizing the most efficient software and hardware setup. In addition, courses discuss cryptography and technology, which enables participants to apply cryptocurrency technology and understand privacy aspects, and how the integrated network operates.

1. Bitcoin Miner (CBM)

A Certified Bitcoin Miner (CBM) knows the best software and hardware to earn more money selling mined Bitcoin than is spent on electricity. Mining can be a cheap entry ticket to the Bitcoin markets, a way to build up a holding position in Bitcoin. This course is typically 2 days.

Audience

- The ideal CBM participants very familiar with, and has worked with, at least one programming language as well as with hardware and network installation. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies.

Extra

- Certification.

2. Ethereum Miner (CEM)

A Certified Ethereum Miner knows the best software and hardware to earn more money selling mined Ethereum than is spent on electricity. Mining can be a cheap entry ticket to the Ethereum markets, loved by speculative traders for their high volatility. (Because Ethereum is easily traded for bitcoins (BTC), Ethereum mining is also a cheap way to build up a holding position in Bitcoin.). This course is typically 2 days.

Audience

- The ideal CEM participant is very familiar with, and has worked with, at least one programming language as well as with hardware and network installation. The candidate should also have basic knowledge of AWS, Microsoft Azure, as well as awareness of Cryptocurrencies.

Extra

- Certification.

CRYPTOCURRENCY REGULATIONS TRACK

Themes

- ▶ Introducing virtual currencies and cryptocurrency market
- ▶ Risk considerations
- ▶ U.S. Virtual currency regulations
- ▶ International virtual currency regulations

The Cryptocurrency Regulations Track equips participants with the latest understanding of the regulatory environment surrounding the virtual currency market. Cutting-edge businesses use emerging cryptocurrency markets including initial offerings and currency mining to fund their startup ventures and more, while laws and regulations in the US and beyond catch up to the new technology. Courses enable participants to understand how the cryptocurrency market operates, and the risks market participants assume, as well as emerging cryptocurrency regulations in the US and around the world.

1. Cryptocurrency Regulations Professional (CCRP)

The topic of cryptocurrencies is attracting considerable attention among central banks, regulators, and legislators due to their potential to lower transaction costs, reduce payment timeframes, and improve financial inclusion, as well as because of the multitude of perceived risks over security, consumer protection and financial crime.

So far, the regulatory response to cryptocurrencies has been fragmented, with a patchwork of uncoordinated initiatives developing in different jurisdictions. Cryptocurrency Regulations Certification details the risks of participating in cryptocurrency markets, and provides an overview of the main regulatory developments affecting cryptocurrencies in the US, China, the EU, Canada and Australia. Upon successfully completing this course, you will become a certified Cryptocurrency Regulations Professional (CCRP).

Audience

- The ideal Cryptocurrency Regulations Training participant is very familiar with the regulation of international financial markets.

Extra

- Certification.

2. Cryptocurrency Regulations Master (CCRM)

Cryptocurrencies have the potential to lower transaction costs, reduce payment timeframes, and improve financial inclusion. However, this emerging technology does not yet have a cohesive legal framework to deal with a multitude of potential risks: security, consumer protection and financial crime. The regulatory response to cryptocurrencies has been fragmented, with a patchwork of uncoordinated initiatives developing in different jurisdictions. Cryptocurrency Regulations Master training sharply focuses on emerging regulatory developments in the US, which is likely to be emulated internationally. Upon successfully completing this course, you will become a certified Cryptocurrency Regulations Master (CCRM).

Audience

- The ideal Cryptocurrency Regulations Master participant is very familiar with international financial regulations, and has worked with at least one form of cryptocurrency.

Extra

- Certification.

INITIAL COIN OFFERING TRACK

Themes

- ▶ Developing suitable investor partnerships
- ▶ Legal & ethical considerations

The Initial Coin Offering Track equips participants with the latest tools and techniques to enter into the Cryptocurrency market. ICO or Initial Coin Offering is the unregulated means by which a startup raises funds to start, develop, or complete its cryptocurrency or blockchain-based software projects while avoiding the difficulty and the rigorous and regulated processes to obtain funds through banks or venture capital investors.

Startups release tokens on a new cryptocurrency that investors expect to increase in value. Investors buy the tokens through existing digital currencies, usually Bitcoins or Ethers, or legal tender, expecting a high return on investment. For some of these investments, the main attraction is that once the project is developed, the value of the tokens will be backed by a real and useful product. This is usually a guarantee of a substantial return on investment.

Courses enable participants to apply Cryptocurrency technology to fund their development projects and understand risks including legal aspects, when to use an Initial Coin Offering, and how the cryptocurrency market operates.

1. Certified Initial Coin Offering Professional (CICO)

A Certified Initial Coin Offering Professional knows how to develop an Initial Coin Offering, and is familiar with the process of using an ICO to raise funds for starting, developing, or completing a startup's cryptocurrency- or blockchain-based software projects.

Audience

- The ideal CICO participant is familiar with raising capital, and has worked with at least one programming language. The candidate should have basic knowledge of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.

2. Certified Initial Coin Offering Master (CICM)

A Certified Initial Coin Offering Master is a skilled professional with a deep understanding of how to develop an Initial Coin Offering, and is expert in the process of using an ICO to raise funds for starting, developing, or completing a startup's cryptocurrency- or blockchain-based software projects. Certified Initial Coin Offering Master is an exhaustive lab- and exam-based training program.

Audience

- The ideal CICM participant is very familiar with raising capital, and has worked with at least one programming language. The candidate should have basic knowledge of Cryptocurrencies like Bitcoin, Ethereum etc.

Extra

- Certification.



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