DevOps Foundation®

COURSE OUTLINE

- Exploring DevOps
  - Defining DevOps
  - Why Does DevOps Matter?
- Core DevOps Principles
  - The Three Ways
  - The First Way
  - The Theory of Constraints
  - The Second Way
  - The Third Way
  - Chaos Engineering
  - Learning Organizations
- Key DevOps Practices
  - Continuous Delivery
  - Site Reliability & Resilience Engineering
  - DevSecOps
  - ChatOps
  - Kanban
- Business and Technology Frameworks
  - Agile
  - ITSM
  - Lean
  - Safety Culture
  - Learning Organizations
  - Sociocracy/Holacracy
  - Continuous Funding
- Culture, Behaviors & Operating Models
  - Defining Culture
  - Behavioral Models
  - Organizational maturity models
  - Target Operating Models
- Automation & Architecting DevOps Toolchains
  - CI/CD
  - Cloud
  - Microservices/Containers
  - DevOps Toolchain

- Measurement, Metrics, and Reporting
  - The Importance of Metrics
  - Technical Metrics
  - Business Metrics
  - Measuring & Reporting Metrics
- Sharing, Shadowing and Evolving
  - Collaborative Platforms
  - Immersive, Experiential Learning
  - DevOps Leadership

Evolving Change