

COURSE AGENDA

- 1. Why DevOps?**
 - The Business Perspective
 - The IT Perspective
 - Dev and Ops Stereotypes: Perceptions and Realities

- 2. What is DevOps?**
 - DevOps Introduction
 - DevOps Goals
 - DevOps Business Value
 - Demonstrated Results
 - Enterprise DevOps

- 3. DevOps Principles (The Three Ways)**

- 4. DevOps and Other Frameworks**
 - DevOps and Agile
 - DevOps and Lean
 - DevOps and IT Service Management

- 5. DevOps Culture**
 - Characteristics of a DevOps Culture

- 6. DevOps Organizational Considerations**
 - DevOps Stakeholders
 - DevOps Roles
 - DevOps Teams
 - DevOps Organizational Structures

- 7. DevOps Practices**
 - Continuous Integration
 - Continuous Delivery
 - Continuous Deployment
 - Value Stream Mapping
 - Kanban
 - Theory of Constraints
 - Improvement Kata
 - The Deming Cycle
 - ITSM Practices

- 8. DevOps and Automation**
 - DevOps Automation Practices
 - DevOps Application Life Concerns and Tool Categories
 - Adopting a DevOps Culture

- Getting Started
- Challenges, Risks and Critical Success Factors
- Measuring DevOps Success