Value Stream Management Foundation (DevOps Institute)

Category: Software Development & Programming | **Vendor:** Logical Operations

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: Value Stream Management Foundation

Course Overview

Included with the course as standard is the official PeopleCert Exam Voucher. The Value Stream Management Foundation course from Value Stream Management Consortium, and offered in partnership with DevOps Institute, is an introductory course taking learners through a value stream management implementation journey. It considers the human, process, and technology aspects of this way of working and explores how optimizing value streams for flow and realization positively impacts organizational performance.

About This Course

The Value Stream Management Foundation course from Value Stream Management Consortium, and offered in partnership with DevOps Institute, is an introductory course taking learners through a value stream management implementation journey. It considers the human, process, and technology aspects of this way of working and explores how optimizing value streams for flow and realization positively impacts organizational performance.

Who Should Attend

People working in an organization aiming to improve performance, especially in response to digital transformation or disruption. Any roles involved in the creation and delivery of products or services:

Leadership and CXO, especially CIO, CTO, CPO, and CVO

Transformation and evolution leads and change agents

Value stream architects, managers, engineers

Scrum Masters, agile and DevOps coaches and facilitators

Portfolio, product and project managers, and owners

Business analysts

Architects, developers, and engineers

Release and environment managers

IT Ops, service and support desk workers

Customer experience and success professionals

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing this course, students will be able to:
Describe the origins of value stream management and key concepts such as flow, value, and delivery
Describe what value stream management is, why it’s needed and the business benefits of its practice
Describe how lean, agile, DevOps, and ITSM principles contribute to value stream management
Identify and describe value streams, where they start and end, and how they interconnect
Identify value stream roles and responsibilities
Express value streams visually using mapping techniques, define current and target states and hypothesis backlog
Write value stream flow and realization optimization hypotheses and experiments
Apply metrics such as touch/processing time, wait/idle time, and cycle time to value streams
Understand flow metrics and how to access the data to support data-driven conversations and decisions
Examine value realization metrics and aligning to business outcomes, and how to sense and respond to them (outcomes versus outputs)
Architect a DevOps toolchain alongside a value stream and data connection points
Design a continuous inspection and adaptation approach for organizational evolution

Detailed Course Outline

History and Evolution of Value Stream Management and its Application

- Value stream managements origins
- Definitions of value stream management
- Flow
- Lean and systems thinking and practices
- Agile, DevOps and other frameworks
- Research and analysis

Identifying Value Streams

- What is a value stream
- Identifying value streams
- Choosing a value stream
- Digital value streams
- Value stream thinking

Mapping Value Streams

- Types of maps
- Value stream mapping
- The fuzzy front end
- Artifacts
- 10 steps to value stream mapping
- Mapping and management
- VSM investment case
- Limitations of value stream mapping

Connecting DevOps Toolchains

- CICD and the DevOps toolchain
- Value stream management processes
- Value stream management platforms
- DevOps tool categories
- Building an end-to-end DevOps toolchain
- Common data model and tools integrations

Value Stream Metrics

- The duality of VSM
- Downtime in technology
- Lean, DORA and Flow metrics
- Definition of Done
- Value metrics
- Benefits hypotheses
- Value streams as profit centers
- KPIs and OKRs

Inspecting the Value Stream

- 3 Pillars of Empiricism
- Organizational performance
- Visibility
- When to inspect
- Data and discovery
- Insights and trends

Organizing as Value Streams

- Value stream alignment
- Team types and topologies
- Project to product
- Hierarchy to autonomy
- Target Operating Model
- Value stream people
- Value stream roles
- Value stream funding

Evolving Value Streams

- Why now
- Transitions
- VSM capability matrix
- VSM culture iceberg
- Learning
- Making local discoveries global improvements
- Managing value stream interdependencies

Additional Course Details

Nexus Humans Value Stream Management Foundation (DevOps Institute) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Value Stream Management Foundation (DevOps Institute) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Value Stream Management Foundation (DevOps Institute)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Value Stream Management Foundation (DevOps Institute) course helps prepare you for the Value Stream Management Foundation certification path.

Q: How many CPD hours does this course provide?

The 2-day Value Stream Management Foundation (DevOps Institute) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Value Stream Management Foundation (DevOps Institute) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Value Stream Management Foundation (DevOps Institute)?

Yes, we provide corporate training, dedicated training, and closed classes for Value Stream Management Foundation (DevOps Institute). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Value Stream Management Foundation (DevOps Institute)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Value Stream Management Foundation (DevOps Institute) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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