

# Certified DevOps Foundation (CDF)



The GSDC Certified DevOps Foundation certification provides validated proof of a solid understanding of DevOps methodologies. As DevOps practices are being rapidly adopted across industries, this foundational certification equips candidates with highly relevant and desirable knowledge.



# Certified DevOps Foundation (CDF)

## ABOUT CERTIFICATION

By pursuing the DevOps foundation certificate, professionals demonstrate their commitment to staying updated on best practices. The certification covers core concepts around combining software development and IT operations, facilitating collaboration between teams.

Certified professionals have a credible certification that sets them apart from peers. Given how instrumental DevOps is in enabling organizational agility, the certified DevOps foundation increases one's competency in an extremely valuable area. Candidates gain well-rounded knowledge that makes them more employable and expands their career opportunities. In a competitive job market, the devops foundation certification better prepares candidates and renders them more desirable.

## OBJECTIVES

- Showcase your DevOps objectives and vocabulary
- Show your grasp of automation practices and tools
- Comprehend benefits to the business and IT
- Validate your principles and practices, including continuous integration and automation
- Explore the relationship with other frameworks like Agile, Lean, and IT Service Management (ITSM)
- Show your insights into culture, communication, collaboration, and organizational considerations

## Our Accreditation:

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The Global Skill Development Council (GSDC) is the leading third-party, Vendor-neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member. The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

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# COURSE SYLLABUS



## 1. Defining DevOps:

- Understand DevOps objectives and vocabulary
- Comprehend the benefits to the business and IT
- Gain insights into the history and purpose of DevOps

## 2. The Three Ways:

- Learn principles and practices, including continuous integration and automation
- Explore the relationship with other frameworks like Agile, Lean, and IT Service Management (ITSM)
- Understand the challenges of DevOps
- Gain knowledge of traditional release process vs. delivery pipeline

## 3. The First Way: Flow:

- Grasp automation practices and tools
- Comprehend the importance of feedback loops
- Learn about continuous integration
- Understand the traditional release process

## 4. The Second Way: Feedback:

- Understand the DevOps transformation and its impact
- Learn about the various DevOps tools and their purpose
- Gain insights into continuous delivery
- Comprehend the challenges of DevOps

## 5. The Third Way: Continual Learning and Experimentation:

- Gain knowledge of measurement and improvement
- Understand the role of DevOps in the digital transformation journey
- Learn about continuous deployment
- Comprehend the core principles of DevOps

## 6. The Importance of Culture:

- Understand the importance of culture, communication, and collaboration
- Explore organizational considerations
- Gain insights into the benefits of collaborative platforms
- Comprehend immersive, experiential learning





# COURSE SYLLABUS



## 7. Key DevOps Practices:

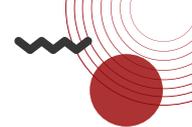
- Learn about common DevOps roles
- Gain insights into common DevOps practices and techniques
- Understand technical metrics
- Comprehend business metrics

## 8. DevOps in Relation to Other Frameworks:

- Understand relevant methods and approaches for DevOps teams
- Explore the benefits of collaborative platforms and immersive, experiential learning
- Gain knowledge of DevOps leadership
- Comprehend evolving change

## 9. DevOps Leadership:

- Learn about DevOps leadership
  - Explore evolving change
  - Understand the relationship with other frameworks
  - Gain insights into culture, communication, collaboration, and organizational considerations
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# GSDC Technical Advisory Board :



The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

## Our Future Information

### Target Audience

- Automation Architects
- Developers
- Business Analysts
- Managers
- Consultants
- Engineers
- Architects
- IT Leadership
- Coaches
- Administrators
- Testers
- Tool Providers
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### Pre-requisites

Some IT experience is recommended to understand key terminology.

Find out more online at  
[www.gsdccouncil.org](http://www.gsdccouncil.org)

