

# uCertify

## Course Outline

### Implementing Microsoft SharePoint 2019



27 Jul 2024

1. Course Objective
2. Exercises, Quizzes, Flashcards & Glossary  
Number of Questions
3. Expert Instructor-Led Training
4. ADA Compliant & JAWS Compatible Platform
5. State of the Art Educator Tools
6. Award Winning Learning Platform (LMS)
7. Chapter & Lessons

Syllabus

Chapter 1: Preface

Chapter 2: Understanding Your Current State

Chapter 3: Planning and Architecture

Chapter 4: Creating and Managing Virtual Machines

Chapter 5: Installation Concepts

Chapter 6: Farm and Services Configuration

Chapter 7: Finalizing the Farm – Going Live

Chapter 8: Finalizing the Farm to Go Live – Part II

Chapter 9: Post-Implementation Operations and Maintenance

Chapter 10: Managing Performance and Troubleshooting

Chapter 11: SharePoint Advanced Reporting and Features

Chapter 12: Enterprise Social Networking and Collaboration

Chapter 13: SharePoint Framework

Videos and How To

## 1. Course Objective

The Implementing Microsoft SharePoint 2019 course is designed to provide you with the skills and knowledge needed to successfully implement and manage Microsoft SharePoint 2019 in your organization. The course covers the essentials of Microsoft SharePoint 2019, from understanding its layout and navigation to mastering list and library management, Office integration, and site creation. This course is ideal for IT professionals, system administrators, SharePoint developers, and anyone looking to enhance their knowledge of Microsoft SharePoint 2019.

## 2. Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.

**44**  
EXERCISES

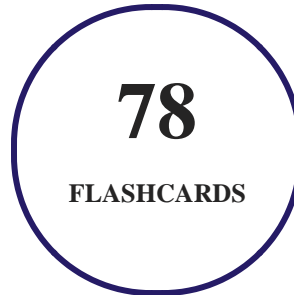
## 3. Quiz

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.

**130**  
QUIZ

## 4. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



## 5. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



## 6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
  1. Best Postsecondary Learning Solution

- **2015**

1. Best Education Solution
2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- 2020
  1. Best College and Career Readiness Solution
  2. Best Cross-Curricular Solution
  3. Best Virtual Learning Solution

## 10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

### Syllabus

#### Chapter 1: Preface

- Who this course is for
- What this course covers
- To get the most out of this course
- Conventions used

#### Chapter 2: Understanding Your Current State

- Technical requirements
- Warning – deprecated features

- New features
- Improved features
- Server support updates
- Assessing the environment
- Best practices
- Governance
- Summary

### Chapter 3: Planning and Architecture

- Technical requirements
- Planning – overview
- Planning – how to find the best architecture based on requirements
- Planning – cost of your environment
- Planning – resources
- Planning – SharePoint farm design
- Summary

### Chapter 4: Creating and Managing Virtual Machines

- Technical requirements



- Creating hosts and VMs
- Defining needed server roles
- Installing Windows Server 2019 – host configuration
- Configuring Hyper-V Manager on Windows Server 2019
- Creating VMs
- Summary

## Chapter 5: Installation Concepts

- Technical requirements
- Installation updates
- Configuring SQL Server 2017
- Configuring SharePoint 2019 prerequisites
- SharePoint 2019 installation
- Summary

## Chapter 6: Farm and Services Configuration

- Technical requirements
- Configuring SQL Server services
- Configuring SharePoint Services

- Antivirus and security configurations
- Creating service applications
- SharePoint MinRole resources
- Understanding the Distributed Cache service
- Summary

## Chapter 7: Finalizing the Farm – Going Live

- Technical requirements
- Finalizing loose ends
- Summary

## Chapter 8: Finalizing the Farm to Go Live – Part II

- Technical requirements
- Understanding workflows and Workflow Manager
- Authentication
- Understanding load balancing
- Exploring SharePoint migration
- Exploring farm solutions
- Carrying out testing

- Performing the final checks
- Backup and restore
- Summary

## Chapter 9: Post-Implementation Operations and Maintenance

- Technical requirements
- Post-implementation
- Maintaining the environments
- Summary

## Chapter 10: Managing Performance and Troubleshooting

- Technical requirements
- Performance overview
- SQL Server performance
- Troubleshooting
- Summary

## Chapter 11: SharePoint Advanced Reporting and Features

- Technical requirements

- Advanced reporting and features
- Azure Active Directory
- Hybrid configurations
- Power BI
- Power Apps
- Power Automate
- Office Online Server
- Excel Online
- Azure reporting capabilities
- Azure Analysis Services
- Azure Logic Apps
- Summary
- Further reading

## Chapter 12: Enterprise Social Networking and Collaboration

- Technical requirements
- Social features in SharePoint 2019
- Microsoft Teams overview
- Summary

- Further reading

## Chapter 13: SharePoint Framework

- Technical requirements
- Developer essentials
- Setting up a development environment
- SPFx overview
- Develop a Client side WebPart
- Developer best practices
- Summary
- Further reading

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