

Instructor guide for WS-011T: Windows Server 2019 Administration

Purpose of this document

This document is for Microsoft Certified Trainers (MCTs) who are teaching the *WS-011T: Windows Server 2019 Administration* course.

Course design

This course has 12 modules that cover the concepts of administering Windows Server 2019. The initial modules cover Windows Server administration basics, identity services, network infrastructure services, and storage services. The course then covers Hyper-V, high availability, disaster recovery, and security. The final modules cover Remote Desktop Services (RDS), remote access and web services, server and performance monitoring, and server upgrade and migration.

Course timing

The following tables depict the approximate daily timings for a five-day course delivery. The number of slides is an *approximation*, changes will occur over time. Duration is shown in *h:mm*.

Day 1

Topic	Duration	Start time	End Time
Overview	0:30	9:00 AM	9:30 AM
Module 01 (49 slides)	1:00	9:30 AM	10:30 AM
Break	0:15	10:30 AM	10:45 AM
Lab 01	0:45	10:45 AM	11:30 AM
Module 02 (70 slides)	1:30	11:30 AM	1:00 PM
Lunch	1:00	1:00 PM	2:00 PM
Lab 02	1:00	2:00 PM	3:00 PM
Break	0:15	3:00 PM	3:15 PM
Module 03 (67 slides)	1:30	3:15 PM	4:45 PM
Wrap-up	0:15	4:45 PM	5:00 PM

Day 2

Topic	Duration	Start time	End Time
Day 1 Review	0:15	9:00 AM	9:15 AM
Lab 03	0:45	9:15 AM	10:00 AM
Break	0:15	10:00 AM	10:15 AM
Module 04 (71 slides)	2:00	10:15 AM	12:15 PM
Lunch	1:00	12:15 PM	1:15 PM
Lab 04	1:30	1:15 PM	2:45 PM
Break	0:15	2:45 PM	3:00 PM
Module 05 (65 slides)	1:30	3:00 PM	4:30 PM
Wrap-up	0:15	4:30 PM	4:45 PM

Day 3

Topic	Duration	Start time	End Time
Day 2 review	0:15	9:00 AM	9:15 AM
Module 05 (65 slides, continued)	0:30	9:15 AM	9:45 AM
Lab 05	1:00	9:45 AM	10:45 AM
Break	0:15	10:45 AM	11:00 AM
Module 06 (51 slides)	1:30	11:00 AM	12:30 PM
Lunch	1:00	12:30 PM	1:30 PM
Lab 06	1:00	1:30 PM	2:30 PM
Break	0:15	2:30 PM	2:45 PM
Module 07 (31 slides)	0:45	2:45 PM	3:30 PM
Lab 07	0:45	3:30 PM	4:15 PM
Wrap-up	0:15	4:15 PM	4:30 PM

Day 4

Topic	Duration	Start time	End Time
Day 3 review	0:15	9:00 AM	9:15 AM
Module 8 (68 slides)	1:00	9:15 AM	10:15 AM
Break	0:15	10:15 AM	10:30 AM
Module 8 (68 slides, continued)	1:15	10:30 AM	11:45 AM
Lunch	1:00	11:45 AM	12:45 PM
Lab 08	1:00	12:45 PM	1:45 PM
Module 09 (56 slides)	1:30	1:45 PM	3:15 PM
Break	0:15	3:15 PM	3:30 PM
Lab 09	1:15	3:30 PM	4:45 PM
Wrap-up	0:15	4:45 PM	5:00 PM

Day 5

Topic	Duration	Start time	End Time
Day 4 review	0:15	9:00 AM	9:15 AM
Module 10 (52 slides)	1:15	9:15 AM	10:30 AM
Lab 10	0:45	10:30 AM	11:15 AM
Break	0:15	11:15 AM	11:30 AM
Module 11 (45 slides)	1:00	11:30 AM	12:30 PM
Lunch	1:00	12:30 PM	1:30 PM
Lab 11	1:00	1:30 PM	2:30 PM
Module 12 (32 slides)	0:45	2:30 PM	3:15 PM
Break	0:15	3:15 PM	3:30 PM
Lab 12	0:45	3:30 PM	4:15 PM
Closing	0:30	4:15 PM	4:45 PM

Prepare to teach

The next sections cover the main course components and how you can use them in class. This includes Microsoft PowerPoint slides, module-review questions, reference links, demonstrations and practice exercises, and labs. You have a lot of flexibility in how you use this content to create the best learning experience for your students.

PowerPoint slides

PowerPoint slides supplement the course material to help you teach the course. Be sure to review the materials in the main course content to ensure you're covering topics fully. If you simply read the slide to students, you won't have enough content to fill the scheduled time. The following list describes some of the points to remember about the course PowerPoint slides:

- The **WS-011T00A_M0.pptx** file provides information for your first day of class. It includes a brief agenda, lists the course's modules, and also includes a brief overview of the lab objectives. We recommend that you customize this file according to your specific situation, such as modifying some of the slides to match the information you want to present. For example, you could expand the information about the Windows Server administrator role, and discuss it in more detail with your students.
- The PowerPoint files include slides that are designated as demonstrations. The course includes a good deal of hands-on guidance that is combined with additional information to create a richer learning experience for the student.

Labs and demonstrations in the course

The student materials contain the high-level steps for all of the course's labs and demonstrations. The Notes sections of the PowerPoint files include detailed steps for performing demonstrations. You might choose to have your students follow along as you perform the demonstrations. Students should use the VM environment when completing demonstrations and labs.

Module-review questions

Each module includes module-review questions. You can supplement the module-review questions with your own questions, and you can modify the additional questions to your students' skills and experience levels. You can use the module-review questions in several ways, including the following:

- As a group, the entire class can discuss the questions before progressing to another section.
- You can cover the questions individually, as you cover the associated material.

Reference Links

The course content for students includes many reference links that provide additional information. To capitalize on the content of these reference links:

- Review them before you teach the course and validate that the content is current and correct.
- Let students know that they can use them after the course to review and confirm what they've learned.

Course resources

There are a lot of resources to help you learn about Windows Server. We recommend that you bookmark the following websites:

- [Microsoft Learn](#): Free role-based learning paths and hands-on experiences for practice.
- [Windows Server documentation](#): Articles and how-to guides about using Windows Server.

Connect with others

- [MCT Central](#): Your one stop for all things MCT. Stay up to date with the latest MCT news, learn about upcoming events, find job opportunities, or connect with other MCTs around the world. You can also ask questions and discuss a variety of topics including courseware and certification with Microsoft and other MCTs through the MCT Central Forums.
- [Microsoft Certified Trainer](#): If there are problems with a course or you need to log a support ticket, contact MOC Courseware Support, the Official Support channel for MOC courses. Support agents monitor this channel, and it's the quickest way to log your courseware-related issues.

Feedback

These courses are different from the traditional MOC courses that we've provided in the past. We've provided a framework for you to work with, and you should take time to prepare and think about the value that only you can bring to training. We hope to partner with you to provide an exceptional student experience, and we welcome your feedback.

Best of luck!

Windows Server Courseware Development Team