



LS Academy

Training Courses Overview 2020

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LS Academy

What is LS Academy?



Our Purpose



LS Academy

We empower and enable our partner network with the best possible knowledge at any given time making life even Easier, Simpler and Faster.



Training at a global scale



LS Academy

**We host courses in all regions
so you can train at your preferred location!**

- 📍 LS Retail HQs and Offices
- 📍 Centralized locations globally
- 📍 At your offices
- 📍 At any selected location





Official training with LS Academy

 **Standard Training Courses**

 **Custom-built**

 **On-site**

 **Online**

 **Training Material**

We provide wide-ranging training with our LS Retail experts based on the core demands that we see in your industry and structured around your business needs.

We have courses available for you.



LS Academy

Standard Training Courses

Index of courses 1/2

Product	Topic	Code	Training course	Type of Certification
LS Central	Functional			
	Introduction	CF-100	Introduction to LS Central	N/A
		CF-120	Solution Architecture of LS Central – Introduction Course	N/A
		CF-130	Inventory Management - Introduction Course	N/A
		CF-140	Member Management & Loyalty - Introduction Course	N/A
	General	CF-200	LS Central Support Course	N/A
		CF-210	LS Replenishment Course	N/A
		CF-220	LS Forecast Course	N/A
	Retail	CF-300	LS Central for retail - General Base Course with Certification	Online test
		CF-320	Advanced POS Setup for LS Central	N/A
	Restaurants	CF-400	LS Central for restaurants - General Base Course with Certification	Online test
	Hotels	CF-500	LS Central for hotels – General Base Course with Certification	Online test
	Pharmacy	CF-600	LS Central for pharmacy - General Course	N/A
	Activity	CF-700	LS Activity Course	N/A
	Technical			
		CT-100	LS Central Technical Setup - Workshop	N/A
		CT-200	LS Central AL Programming Course	N/A
	CT-210	LS Central: Development Course (for older versions)	N/A	

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Product	Topic	Code	Training course	Type of Certification
LS One	Functional			
		OF-100	LS One Functional Training	Online Test
	Technical			
		OT-100	LS One Development Training	Online Test

We are continuously improving our course curriculum and would love to hear your suggestion, contact us at academy@lsretail.com.



LS Academy

LS Central

CF-100

Introduction to LS Central



Duration: 2 consecutive days (4 half days online)



Audience: sales/pre-sales experts, consultants, support staff, developers who are new to LS Central

Training Prerequisites: none

You will receive a general introduction to LS Central with emphasis on using the base functionality in the system and how to configure it. At the end of this course you should be able to know your way around LS Central, and to give a first demo of the system.



Topics for the course

- LS Central, introduction
- The demo data company with LS Central
- Retail POS in general
- Create new items and sell them
- Discount offers creation and POS management
- POS Sales data
- Loyalty – Member Management
- POS Look and feel, how to make changes
- Discount offers and members
- Loyalty app and mobile POS
- Data for the apps
- Restaurant POS and its benefits

CF-120

Solution Architecture of LS Central – Introduction Course



Duration: 1 half day online



Audience: functional consultants, developers

Training Prerequisites: good basic knowledge of Dynamics NAV, and LS Central

This training is intended to train students about the solution architecture aspect of LS Central installations (On-Premise, Hybrid, Azure, Cloud) as well as general housekeeping and must do's.



Topics for the course

- Solution Architecture Overview for LS Central installations
 - On-Premise
 - Hybrid
 - Azure
 - Cloud
- Environment Design, Splitting Services, Types of Hardware and Performance.
- Housekeeping & Must Do's
 - SQL
 - LS Central



CF-130

Inventory Management – Introduction Course



Duration: 1 half day online



Audience: developers, functional consultants, salespersons

Training Prerequisites: basic knowledge Dynamics NAV, and LS Central

This course is intended to train students to implement, set up, and use LS Central inventory processes as well as the LS Retail mobile inventory solution.



Topics for the course

- Setup & Configuration Overview
 - Architecture
 - Mobile Inventory
 - Store Inventory
 - InStore Management
- Best practices & configuration options
 - Mobile Inventory Maintenance and overview
 - Stock takes
- Markdown printing via HHT
- Positive & Negative adjustments
- Purchase Return Orders
- Troubleshooting HHT with LS Central
- Cycle Count
- Stock Requests
- Retail Purchase Order / Retail Transfer Order – Mobile Inventory

CF-140

Member Management & Loyalty - Introduction Course



Duration: 1 half day online



Audience: programmers, consultants, and salespersons

Training Prerequisites: good basic knowledge of Dynamics NAV, and LS Central

This course is intended to train students on the concepts surrounding member management and loyalty, what these concepts mean within “Unified Commerce”, and best practices.



Topics for the course

- What is Unified Commerce?
 - How to do things?
 - Environment / Solutions
 - Installations and Configurations
- Solution / Processes
 - eCommerce
 - Loyalty APP? Scan & Go?
 - Member Management Functionality
- LS Insights
- Click & Collect
- Clientelling



CF-200

LS Central Support Course



Duration: 2 consecutive days (4 half days online)



Audience: support specialists, functional consultants, developers

Training Prerequisites: good knowledge of LS Central is an advantage, but not required

Learn tips and tricks, best practices, and guidelines gathered by our support experts. Gain a better understanding of what is required to support LS Central, and acquire tools and ideas that will enable you to solve issues reported by customers.



Topics for the course

- | | |
|--|---|
| <ul style="list-style-type: none">▪ Overview of Support Process flow▪ BC Architecture and Distributed Environment Concerns▪ Item Master and Item Hierarchy▪ Data Transfer Methods in Distributed Environment▪ Data Director Application▪ Web Services Application | <ul style="list-style-type: none">▪ Data Replication▪ Inventory flow and Stock levels▪ Store Inventory▪ POS Transactions▪ Statement Posting▪ Scheduler |
|--|---|

CF-210

LS Replenishment Course



Duration: 2,5 consecutive days (5 half days online)



Audience: consultants, developers

Training Prerequisites: good basic knowledge of LS Central

Learn to implement and set up the LS Central replenishment functionality. The course covers the different setups for Automatic Replenishment, Manual Replenishment and add-ons like Planned Demand Events and Budgets.



Topics for the course

- | | |
|--|--|
| <ul style="list-style-type: none">▪ Replenishment Overview▪ Replenishment Setup▪ Assortment Management▪ Automatic Replenishment Calculation methods | <ul style="list-style-type: none">▪ Sales History Adjustment and Planned Demand Events▪ Manual Replenishment▪ Budgets and Open-to-Buy▪ Thresholds Management▪ Performance considerations |
|--|--|



LS Forecast Course



Duration: 4 hours



Audience: consultants, developers

Training Prerequisites: good knowledge of LS Central, basic knowledge of Automatic Replenishment

Learn to implement, set up and operate LS Forecast functionality of LS Central for retail solution. The course covers the key concepts of forecasting and the used calculation methods.



Topics for the course

- Introduction and Overview
 - LS Forecast overview
 - Key concepts
- Setup
 - Prerequisites
 - Base setup
 - Locations, Items and Batches
- Processes
 - Master Data
 - Synchronization
 - Forecast calculation
 - Result review
- Additional topics



CF-300



LS Central for retail – General Base Course with certification



Duration: 5 consecutive days (or 8 half days online)



Audience: consultants, developers, sales and support staff

Training Prerequisites: good basic knowledge of Microsoft Dynamics 365 Business Central. Basic TCP/IP and LS Central understanding

You will achieve a deeper knowledge of LS Central and how it works. You will learn how to set up, implement and operate the basic functionality of LS Central.

A multiple-choice certification test is held at the end of the course.



Topics for the course

- | | |
|--|--|
| <ul style="list-style-type: none"> ▪ LS Retail Overview ▪ LS Central Setup ▪ Item hierarchy ▪ Variant Framework ▪ Special Groups ▪ Price Management ▪ Promotions ▪ Info Codes ▪ POS Setup | <ul style="list-style-type: none"> ▪ Start & of Day Processes ▪ Architecture ▪ Data Distribution ▪ Replication ▪ Transaction Server ▪ Data Distribution cont. ▪ End of Day Routines |
|--|--|

CF-320

Advanced POS Setup for LS Central



Duration: 2 consecutive days (4 half days online)



Audience: sales/pre-sales, consultants, support, developers

Training Prerequisites: LS Central for retail Base Certification

You will learn about the POS setup in detail, how to work with the different profiles and how to create or change a POS configuration using all the different controls and layouts. At the end of the course the you should be able to change the look of the POS to fit different setups and requirements.



Topics for the course

- | | |
|---|--|
| <ul style="list-style-type: none"> ▪ POS look and layout ▪ Profiles and default concept ▪ POS Commands ▪ Style Profile ▪ POS Color setup ▪ Profiles setup location ▪ Menu profile and menu setup ▪ POS Tags | <ul style="list-style-type: none"> ▪ Interface profile and its controls ▪ Different journal layout for the POS ▪ Design mode ▪ How all the profiles work together ▪ Use of images in the POS ▪ The media panel setup |
|---|--|



LS Academy

CF-400



LS Central for restaurants – General Base Course with certification



Duration: 3 consecutive days (or 5 half days online)



Audience: consultants, developers and support staff who want to learn more about LS Central for restaurants and hospitality businesses

Training Prerequisites: LS Central for retail Base Certification

During this course, you will learn how to set up, implement and operate the basic functionality of LS Central for restaurants. You will also learn the different setup for coffee houses, bars, quick service and restaurants with or without table management.

A multiple-choice certification test is held at the end of the training course.



Topics for the course

- LS Central for restaurants Overview
- Hospitality Types
- Table Management
- Fine Dining
- LS Central for restaurants POS Setup
- Recipes
- Item Modifiers
- Meal Plan
- Deal modifiers
- KDS (Kitchen Display System)

CF-500



LS Central for hotels – General Base Course with certification



Duration: 2 consecutive days (or 4 half days online)



Audience: consultants, salespersons

Training Prerequisites: LS Central for retail Base Certification

This training is focused on the LS Central for hotels. This includes Hotel POS, Rate Management, Reservations, In House Processes, Invoice Management and Housekeeping.

A multiple-choice certification test is held at the end of the training course.



Topics for the course

- LS Central for hotels overview
- Setting up your hotel
- Manage rates, deposits, cancellations
- Manage capacity and allotments
- Set up and manage online booking engines
- Manage reservations
- Group reservations
- Manage guest processes
 - Check-In
 - o In-House
 - o Check-Out
 - o No-Shows and residues
- Housekeeping management
- Night-audit jobs



CF-600

LS Central for pharmacy - General Course



Duration: 3 consecutive days (5 half days online)



Audience: consultants, developers, and sales/pre-sales professionals

Training Prerequisites: LS Central for retail Base Certification and good basic knowledge of Microsoft Dynamics 365 Business Central

You will gain deeper understanding of the LS Central for pharmacy solution on LS Central. In addition the course covers the LS Central for pharmacy setup and configuration as well as installing LS Central for pharmacy solutions.



Topics for the course

- Key processes from a pharmacist perspective: Full prescription flow; Customer maintenance; Insurance handling; Pharmacy items; Back office; Reports
- Setup & user/profile configuration: Distributed environment and web services; Difference between databases
- Full prescription order flow; Setup; Workstation; Inventory; Label printing
 - Master data management & integrations: Pharmacy Item; Issuers; Integrations

CF-700

LS Activity Course



Duration: 2 consecutive days (4 half days online)



Audience: consultants, developers, and sales/pre-sales professionals

Training Prerequisites: good knowledge of LS Central is an advantage, but not required

Learn to implement and set up LS Activity, discover its basic functionalities, how to create resources and activities as well as generate reservations and/or appointments.



Topics for the course

- LS Activity Introduction
- LS Activity Setup:
 - Reservation Types
 - Activity Types
 - Interval types
 - Resource Groups
 - Activity Statuses
 - Activity Resources
 - Activity Products
- Creation and use of different functionality: Appointments; Courses; Classes Events
- Overview of other aspects: Presells and Allowances; Rental; Ticketing and admission; Membership subscription; Table Reservations
- POS Functions and Setup



CT-100

LS Central Technical Setup - Workshop



Duration: 3 consecutive days (5 half days online)



Audience: consultants, developers, and sales/pre-sales professionals

Training Prerequisites: LS Central for retail Base Certification

Learn how to install and configure LS Central and how it ties in with security on the SQL server, the Windows operating system and the network. Get up to speed with setups for POS, Web POS, hardware stations, and the Data Director as well as how to route the printing.



Topics for the course

- SQL Server setup, config, restore/backup
- LS Central install: Client, Central service tier
- Multiple Central Service Tier
- Printing in LS Central: OPOS printing, Windows Printing, Print station
- OPOS setup, Scanners, Printers
- Hardware Station
- POS Setup, Demo setup, Hardware setup
- Web POS, intelligent printers
- Network architecture, Firewalls
- AZURE, SQL in Azure, NST in Azure

CT-200

LS Central AL Programming Course



Duration: 2 consecutive days (4 half days)



Audience: developers

Training Prerequisites: LS Central for retail Base Certification and some general knowledge of software development

The course is intended to give participants a good understanding of how to develop for LS Central in AL code. The participant will learn about basic coding guidelines for LS Central in Visual Studio Code.



Topics for the course

- VS Code installation and connecting to development database
- External commands
- Panel and Menu codeunit
- Tags
- Source expression on Data Tables
- POS OPOS Printing
- Integration events
- Web Services



CT-210

LS Central: Development Course (for older versions)



Duration: 2 consecutive days (4 half days online)



Audience: developers

Training Prerequisites: LS Central for retail Base Certification and some general knowledge of software development

The course covers basic coding principles for LS Central, different object types, how to set up web requests, and more. At the end of the training, you will have gained a good understanding of how to customize LS Central



Topics for the course

- Basic coding guidelines for LS Central
- Replication, how to program
- External commands
- Panel and Menu code unit
- Tags
- Source expression on Data Tables
- POS OPOS printing
- Integration events
- Web Service





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LS One

OF-100

LS One Functional Training

 **Duration:** self-paced: 3 to 5 days **or** onsite w/ trainer: 2 consecutive days

 **Audience:** Sales, technical staff, consultants, support staff and developers

Training Prerequisites: None

You will receive a general introduction to LS One with emphasis on using the base functionality in the system and learn how to configure it. You will understand the different deployment options you have when implementing LS One.

A multiple-choice certification test is held at the end of the course.





Topics for the course

- Introduction to LS One Suite
- Site Manager introduction, installation and setup
- LS POS introduction, installation and setup
- System training – typical use cases
- Simple multistore environment with real time information from head office and data replication

OT-100

LS One Development Training

 **Duration:** self-paced: 3 to 5 days **or** onsite w/ trainer: 2 consecutive days

 **Audience:** developers doing customizations to LS One

Training Prerequisites: LS One Functional Certification

You will understand the architecture of the LS One applications, Site Manager and LS One POS. You will learn how to create new functionality in the Site Manager and the LS One POS and what can be done and how these applications can be altered and added to.



Topics for the course

- Getting started and running the applications from code
- Site manager architecture:
 - Creating new plugins and creating UI
 - Adding to the data structure
 - Other Site Manager customizations
- LS One architecture:
 - LS One POS changes
 - Creating new operations
 - More advanced exercises





LS Academy

Contact us at academy@lsretail.com

More info on our [website](#) and [LS Retail Portal](#)