NiceLabel Academy Course Catalog

This course catalog is a comprehensive list of the courses found in the NiceLabel Academy.

List of courses:

The courses are separated into collections. Each collection contains the courses that are most important for a common role.

The below courses apply to both LMS and Label Cloud customers - unless one or the other is specified in the WHO below.

General Knowledge:

These modules are intended to provide you with helpful information when you are new to our learning system, NiceLabel, or labeling.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Learning in the Academy	Learn how to use our learning system.	Anyone who is new to our academy	• How to navigate within the academy and courses • About the key training tools, like courses and certifications • How to submit quiz answers and lab files for grading	Beginner
Introduction to Dynamic Labeling	Learn about the concept of Dynamic Labeling. You'll learn about the benefits, how it's used, and how it impacts labeling changes. You'll also get to see some relatable examples.	Anyone who is new to the labeling industry or new to dynamic labeling.	• The differences between static and dynamic labeling • The benefits of dynamic labeling • How dynamic labeling is utilized • How label changes are addressed using both static and dynamic labeling	Beginner
Introduction to NiceLabel	A brief introduction to the NiceLabel labeling solution. Familiarize yourself with the fundamental NiceLabel features and their intended use.	Anyone new to using NiceLabel.	• The overview of the NiceLabel platform • The capabilities of NiceLabel	Beginner

Label Design

Designers learn how to design dynamic label templates in NiceLabel that work efficiently in your printing environment. These courses include everything from creating a simple label to RFID labels and creating reports.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Creating a Simple Label Template	Learn how to navigate the NiceLabel Designer interface and how to create a simple label template using the most common design objects.	Label designers, or labeling process owners	• How to navigate the NiceLabel Designer interface • How to create a label template: ○ Management of label objects like images, lines, text, text boxes, and barcodes ○ Creation and management of variables ○ Manipulation of variables with functions ○ Mapping dynamic data sources to label objects ○ Saving and Test printing	Beginner
Connecting Labels to Excel	Learn how to design and print labels connected to Excel as a data source.	Label designers, labeling data file owners (DBAs), or labeling process owners	• Advantages and disadvantages of connecting label templates to Excel sheets or other databases • How to connect label templates to Excel sheets as data sources • How to connect label objects to database fields	Beginner
Using Functions in label templates and forms	Learn what functions are, what types of functions are available in NiceLabel Designer, and how to use them in labels and forms.	Label designers, labeling process owners	• What a function is and what it does • What types of functions are available • How to use functions	Beginner
Designing GS1 Labels	Learn how to design GS1 Logistic Labels in NiceLabel Designer.	Label designers	• About the GS1 label standard • How to configure a typical GS1-compliant logistic label • How to create GS1-128 barcodes using Application Identifiers • How to pull data from barcodes by using subset functions • How to create the human-readable part of the logistic label	Intermediate
RFID Labels	Learn how to use RFID technology in labels and the different options available with RFID.	Label designers	• About RFID technology • The components of RFID • RFID Data Types	Advanced
Using Layers in Label Templates or Forms	Learn how to use layers in NiceLabel Designer while creating label templates or forms.	Label designers, label solution developers	• What is a layer? • How to configure layers • How to use a specific layer at the print time	Intermediate

Course Title	Course Description	WHO it's for	You will learn	Course Level
Using Reports to Create Supply Chain Documents	Learn what report objects are in NiceLabel, and how to create and configure them. You can create reports for almost anything, as long as the data is in a connected database. Most commonly, reports are used for supply chain documents.	Label designers; or anyone who wants to create custom report labels like packing slips, pick lists, delivery notes, etc.	• What a Report label object is, including its uses and purpose • How to configure a Report label object on a label template • How to use label templates with Report label objects in your printing solutions	Intermediate
Connecting Your Label to Excel Online and Google Sheets	Learn how to configure and print labels connected to Cloud Data sources: Excel Online and Google Sheets.	Label designers, or label process owners	• How to connect a label template to Cloud data sources: Excel Online and Google Sheets • How to connect label objects to database fields • How to manage modifications to your cloud database • How to save and share your labels connected to Cloud Data sources	Beginner

Managing NiceLabel

System Administrators and IT users learn how to manage users, applications, documents, printing, and integrations. Monitor your daily operations and analyze your whole printing environment.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Installing NiceLabel 10	Learn how to install NiceLabel 10. This course also covers the different models/apps in NiceLabel and explains the Windows services used by NiceLabel.	• Anyone who needs to install NiceLabel applications • This course is also recommended for IT, admins, and anyone who manages your labeling system	• How to install NiceLabel 10 desktop applications • About the modules in NiceLabel 10 • About the NiceLabel Proxy service	Beginner
Managing NiceLabel Cloud	Learn how to manage a NiceLabel Cloud instance.	NiceLabel Cloud: • IT administrators • Application and integration designers • NiceLabel power users	• About NiceLabel Cloud architecture and licensing • How to activate NiceLabel Cloud • About authentication and adding users • About connecting NiceLabel Cloud to your Azure Active Directory • About managing user access roles and permissions • Setting up your NiceLabel Cloud Cloud database	Beginner
Managing LMS On Premises	Take a quick tour of NiceLabel LMS, an on-premises edition of the NiceLabel label management system.	NiceLabel LMS: • IT administrators • Application and integration designers • NiceLabel power users	• The on-premises LMS architecture and licensing • The available authentication types for LMS users • About managing user access roles and permissions • About managing documents • About printer management and print history • About web printing	Beginner
Installing and Maintaining LMS On Premises	Learn how to install NiceLabel LMS On-premises on a fresh instance of a Windows Server.	NiceLabel LMS system and IT administrators	• About Control Center on-premises requirements • How to install NiceLabel Control Center 10 on a single server • How to verify your installation • About Maintaining Control center	Beginner

Course Title	Course Description	WHO it's for	You will learn	Course Level
Managing NiceLabel Web Printing	Learn how to set up and use Web Printing.	System administrators	• What Web Printing and Web Applications are • The benefits and usage of Web Printing/Web Applications • The steps to set up Web Applications as a system administrator and invite your users to use them • How to use Web Applications as an invited user	Intermediate
Managing documents in the Document Storage	Learn how to manage files in Control Center.	• System administrators • Anyone managing documents in Control Center	• What is Document Storage and its purpose • How to use essential commands to manage files in the Document storage • About the Preview option • How to handle file removing • What is an electronic label catalog • What is label comparison and how to use it	Beginner
User Management - Role Based Access	Learn how to control who has access to specific labeling processes and determine which level of access each user has.	• System administrators • Quality engineers • Anyone validating the labeling system	• Why role-based access is important • How to handle Authentication • About Access Roles and how to manage them • About File Access Control • How to customize file access permissions • About file decommissioning • About removing published files	Beginner
Managing Printers in Control Center	Learn how to install and manage your printers from Control Center.	System and IT administrators	• How to add printers to Control Center and centrally deploy them • About uploading and consolidating printer drivers • How to manage printer preferences and printer profiles • How to create printer groups	Beginner
Debugging and Troubleshooting Labels, Applications, Automation and WebPrinting	Learn how to find and solve problems in NiceLabel.	• System and IT administrators • Programmers • DBAs	• How to find errors in Designer and Automation logs. • How to enable tracing. • About the Product.config file and its options for logging. • How to enable the Powerforms debug tool. • When to use a service account with Automation.	Advanced

Printing with NiceLabel

Print Operators learn how to print labels in NiceLabel.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Printing with NiceLabel Web Printing	Learn how to use Web Printing.	Anyone who prints production labels through Web Printing.	• About your Web Printing invitation • How to sign in to Web Printing • How to download and install the Web Printing client • How to run solutions shared with you	Beginner
Printing Labels from Control Center	Find out how you can print labels from a browser directly from the Control Center user interface.	NiceLabel Cloud users who want to print directly from Control Center Document Storage.	• How to print labels from your internet browser.	Beginner

Application Design

Solutions Designers learn business logic for advanced printing solutions and how to create Web Applications. IT users learn how to deploy the Web Applications in NiceLabel so that your labels are printed efficiently.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Introduction to NiceLabel Solutions	Learn about the possibilities of adapting the NiceLabel to the specifics of your business processes.	Application and integration designers	• About the NiceLabel customization options • When and why to customize the NiceLabel platform • About the contents of the NiceLabel solution file • About example use cases	Beginner
Configure Your First Printing Solution	Get to know NiceLabel Designer as a solution builder and learn the basics of creating custom solutions.	Application designers	• How to use NiceLabel Designer to build custom NiceLabel solutions • About solution objects and how to use them • The basics about setting up the business logic	Beginner
Introduction to Data Management Solutions	Learn how to create simple data management applications for print operators.	Application designers	• What types of data management solutions are possible with NiceLabel Designer • About database types supporting database management • How to build a basic data management form	Intermediate
Best Practices in Creating NiceLabel Solutions	Learn how to create effective and user-friendly forms in NiceLabel Designer.	Application designers	• Explore the best user experience practices of form design in NiceLabel Designer • Learn how to manage form size • Learn how to configure multilingual forms • Learn some useful tips while creating forms	Intermediate
Configuring Advanced Data Management Solutions	Learn how to create more advanced data management applications for print operators.	Application designers	• About the solution requirements • About the required process workflow • About the final solution concept	Advanced

Integrating NiceLabel

IT users and System Administrators learn to connect NiceLabel with other cloud-based and on-premises business systems in your printing environment.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Introduction to Automation	Learn how basic Automation elements like Triggers, Filters and Actions fit together to integrate your systems with NiceLabel.	• System and IT administrators • Integration designers	• Basic knowledge about NiceLabel Automation • About the concept of Automation solutions • About Automation components: triggers, filters, and actions	Beginner
Creating Simple Automation Triggers	Learn how to configure a basic file integration with NiceLabel Automation.	• System and IT administrators • Integration designers	• How to use Automation Builder • How to develop a simple file trigger • How to test and deploy your trigger to the Automation Manager	Beginner
XML and JSON Data in Automation	Learn how to parse most common data formats in your Automation configurations.	• System and IT administrators • Integration designers	• What Filters are in NiceLabel Automation • How to configure the XML and JSON Data Filters to extract the data • How to optimize your data extraction • How to configure trigger actions to print the received data on your labels	Intermediate
Introduction to Network Triggers	Learn about most commonly used Automation trigger types in NiceLabel.	• System and IT administrators • Integration designers	• What Network Triggers are • The different types of network triggers that are available • About typical use cases for Network Triggers	Intermediate
Introduction to Cloud Integrations	Learn about the Developer Portal and available cloud integrations for NiceLabel.	NiceLabel Cloud: • System administrators • Integration designers • Solution creators or programmers	• When you typically would use cloud integrations in NiceLabel • How to sign up for NiceLabel Developer Portal • How to connect your Developer Portal account to your Control Center with Integrator and Subscription keys	Intermediate
Configuring Cloud Triggers	Learn how integrate other cloud applications and print to any printer with Cloud Triggers.	NiceLabel Cloud: • System administrators • Integration designers • Solution creators or programmers	• Common use cases of Cloud Triggers • The concepts of Cloud Triggers • Architecture • Use cases • Benefits & Limitations • Setup procedure overview • The differences between Cloud Triggers and Cloud Printing	Advanced

Course Title	Course Description	WHO it's for	You will learn	Course Level
Configuring Cloud Printing	Learn how to setup Cloud Printing, so you can print from anywhere to any of your connected printers. You'll learn how to add and configure Cloud Printers, as well as how to configure and use the Cloud Print API.	NiceLabel Cloud: • System administrators • Integration designers • Solution creators or programmers	• The concepts of cloud printing: • Architecture • Use cases • Benefits & Limitations • About cloud printers • How to add your Cloud Printers to Control Center • How to configure your Zebra or SATO cloud printers for use with Cloud Printing • About the Cloud Print API • How to configure the Cloud Print API • How to print with the Cloud Print API	Advanced

Integrating NiceLabel with SAP (ABAP Package)	Get a basic overview of integrating SAP business applications with the SAP ABAP Package - a certified, comprehensive NiceLabel solution.	• System and IT administrators
		• Integration designers
			• What is the SAP ABAP Package and its components
			• How to prepare the NiceLabel environment
			  ○ What to look for when installing applications and printers
			  ○ What are special requirements when designing label templates printed with SAP ABAP package
			• What is the functionality of ready-made NiceLabel ABAP Automation Configuration
			  ○ Understand the types of communication between SAP and NiceLabel
			  ○ Understand the data formats coming from SAP
			  ○ Understand the methods that can be executed
			• How to monitor events and manage the history - traceability and visibility
				Advanced

Using Workday API	Learn how to integrate NiceLabel with your WorkDay system using our API.	NiceLabel Cloud: • System and IT administrators • Integration designers	• How the Workday Integration Works • How to use the Developer Portal to send a request to Your Cloud Printer	Advanced
Introduction to Document API	Learn how to use the API to find files, check-in/out documents and change workflows from the NiceLabel Cloud document storage.	NiceLabel Cloud: • System and IT administrators • Integration designers	• About response types • How to get File IDs • How to get Files and Folders • How to get Workflow States • How to change Workflow States • How to Check-in/check-out Labels • How to Delete Files	Advanced

Quality Assurance

Quality Engineers learn about NiceLabel tools that help with your regulatory compliance by keeping the label revision history under control, mastering approval workflows, and getting familiar with audit trail possibilities.

Course Title	Course Description	WHO it's for	You will learn	Course Level
Audit Trail - History and Analytics	Learn about the History and Analytics features available in Control Center.	• Quality engineers • Anyone who must participate in labeling audits or validate the labeling system	• How to manage History data in Control Center • How to manage Analytics data in Control Center	Beginner

Document Versioning & Approval Workflows	Learn how to configure and manage document versions and approvals.	• Quality engineers
		• System administrators
		• Anyone who must create workflows or validate the labeling system
			• About Versioning:
			  ○ What is versioning
			  ○ How to enable and setup versioning
			  ○ How to manage file revisions
			  ○ How to see the revision history and request specific label revision
			• About Approval Workflows:
			  ○ What are approval workflows
			  ○ How to enable and setup approval workflows
			  ○ How to use workflows
				Intermediate

Environments	Learn about different environments and how we define them in NiceLabel.	• Quality engineers • System and IT administrators	• What different Environments are available with NiceLabel • When different Environments may need to be used • How to distinguish between different Environments	Beginner

List of certifications

Learners obtain a certification after completing all courses in a learning path - a group of related courses completed in order. Once earned, learners received their completed certificate by email. They can view it, download it, or add it to LinkedIn.

Certification Title	Description	Courses:
NiceLabel Label Design	Label Designers learn how to navigate the NiceLabel interface and the basics of label design using NiceLabel Designer. *This certificate is intended for users who have any NiceLabel product license.	1. Creating a simple label template 2. Connecting labels to Excel 3. Designing GS1 labels
NiceLabel Cloud Administration	System Administrators and IT users learn how to manage NiceLabel Cloud. * This certificate is intended for users who have a NiceLabel Cloud subscription.	1. Managing NiceLabel Cloud 2. Installing NiceLabel 10 3. Managing NiceLabel Web Printing 4. Printing with NiceLabel Cloud Web Printing 5. Environments 6. Managing Printers In Control Center
NiceLabel LMS Administration	System Administrators and IT users learn how to install and maintain NiceLabel LMS system. * This certificate is intended for users who have LMS Pro or LMS Enterprise license.	1. Installing and maintaining LMS On-Premises 2. Installing NiceLabel 10 3. Managing LMS On-Premises 4. Managing NiceLabel Web Printing 5. Printing with NiceLabel Cloud Web Printing 6. Environments 7. Managing Printers In Control Center
NiceLabel Integration	System Administrators and IT users learn how to connect NiceLabel with other cloud-based and on-premises business systems. *This certificate is intended for users with a NiceLabel Cloud subscription, a NiceLabel LMS, or a PowerForms Suite license.	1. Introduction to Automation 2. Creating simple Automation triggers 3. Introduction to Network Triggers 4. XML and JSON Data in Automation 5. Introduction to Cloud Integrations
NiceLabel Application Design	IT users learn how to design label printing and label management applications in NiceLabel Designer. *This certificate is intended for users who have a NiceLabel Cloud subscription or LMS license or PowerForms Suite or PowerForms license.	1. Introduction to NiceLabel solutions 2. Configure Your First Printing Solution 3. Introduction to Data Management Solution 4. Configuring Advanced Data Management Solution 5. Debugging and Troubleshooting Labels, Applications, Automation and WebPrinting
Quality Assurance	Quality Engineers learn about NiceLabel tools that help with your regulatory compliance. Keep your label revision history under control, master your approval workflows, and get familiar with audit trail possibilities. *This certificate is intended for users who have a NiceLabel Cloud subscription or LMS license.	1. User Management - Role-Based Access 2. Managing documents in the Document Storage 3. Document Versioning & Approval Workflows 4. Audit Trail - History and Analytics 5. Environments

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