



FESTO

Festo LX

**How to activate your
Festo LX License**



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This Guideline will walk you step by step through the first steps with Festo LX.

From creating your account to activating a license and the first important functionalities to know about.

For more detailed information we recommend to have a look at our How it Works-Courses later on:

[Festo LX - How it Works | For Teachers | Festo Learning Experience](#)

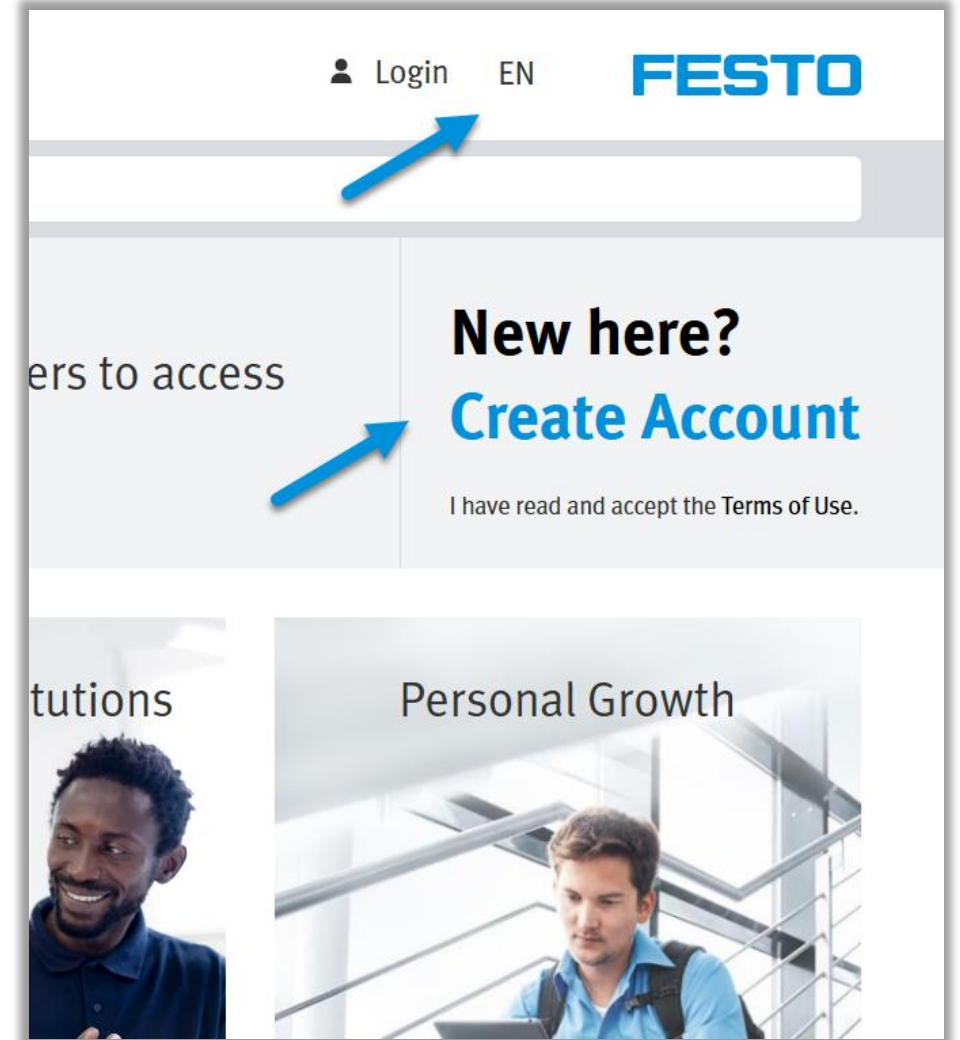
[Festo LX – How it Works | For Learners | Festo Learning Experience](#)

Create an Account on Festo LX

1. Go to <https://lx.festo.com>
2. Handle the **Cookie Policy**
3. If necessary, **change the language** of the Festo LX portal as it will be the basis for the next steps.
4. Click on **Create Account** in the upper right corner

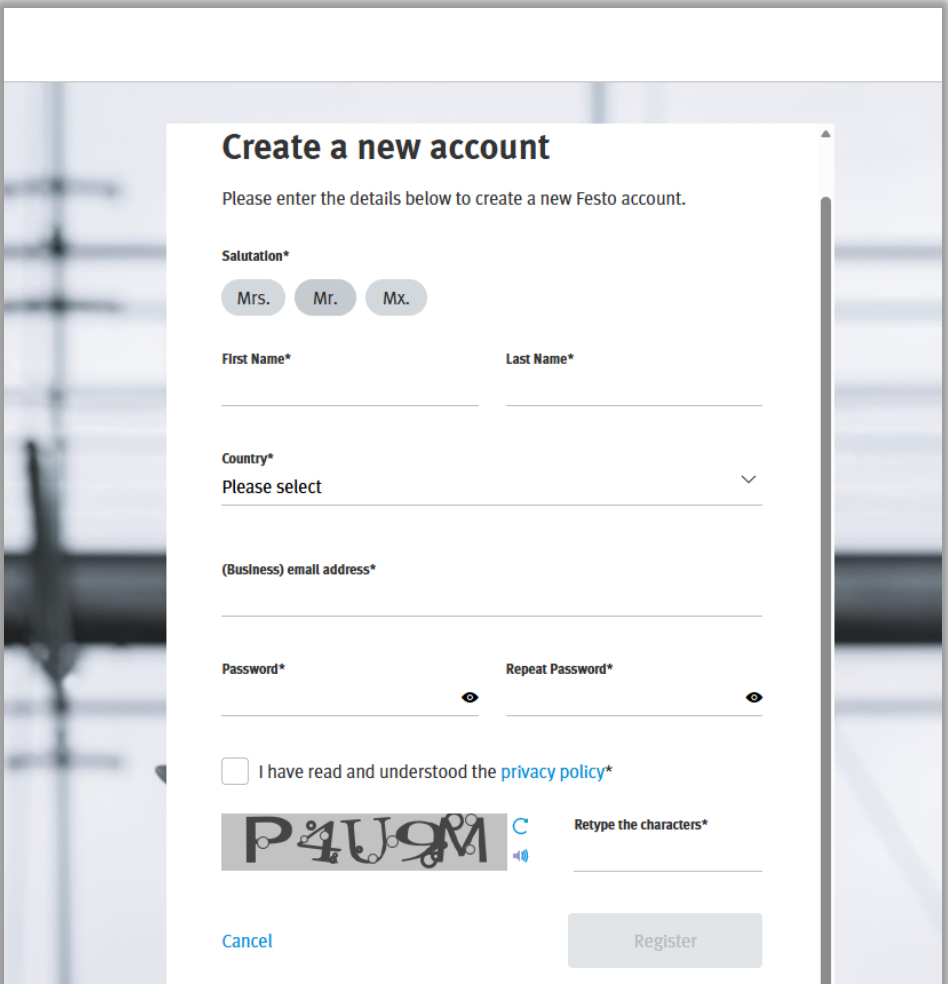
If you already have an account with any other Festo application, software or website, you can use this account also for Festo LX.

In case you have purchased our Single Sign-On option, you can use your known email address without the need to create a new account.



Create an Account on Festo LX

1. Enter all necessary information to create your account
2. You will **receive an email after registration** where you need to confirm your account. Please also check your spam filter.
3. Use your credentials to log in to Festo LX



Create a new account

Please enter the details below to create a new Festo account.

Salutation*
☐ Mrs. ☐ Mr. ☐ Mx.

First Name* Last Name*

Country*
Please select 

(Business) email address*

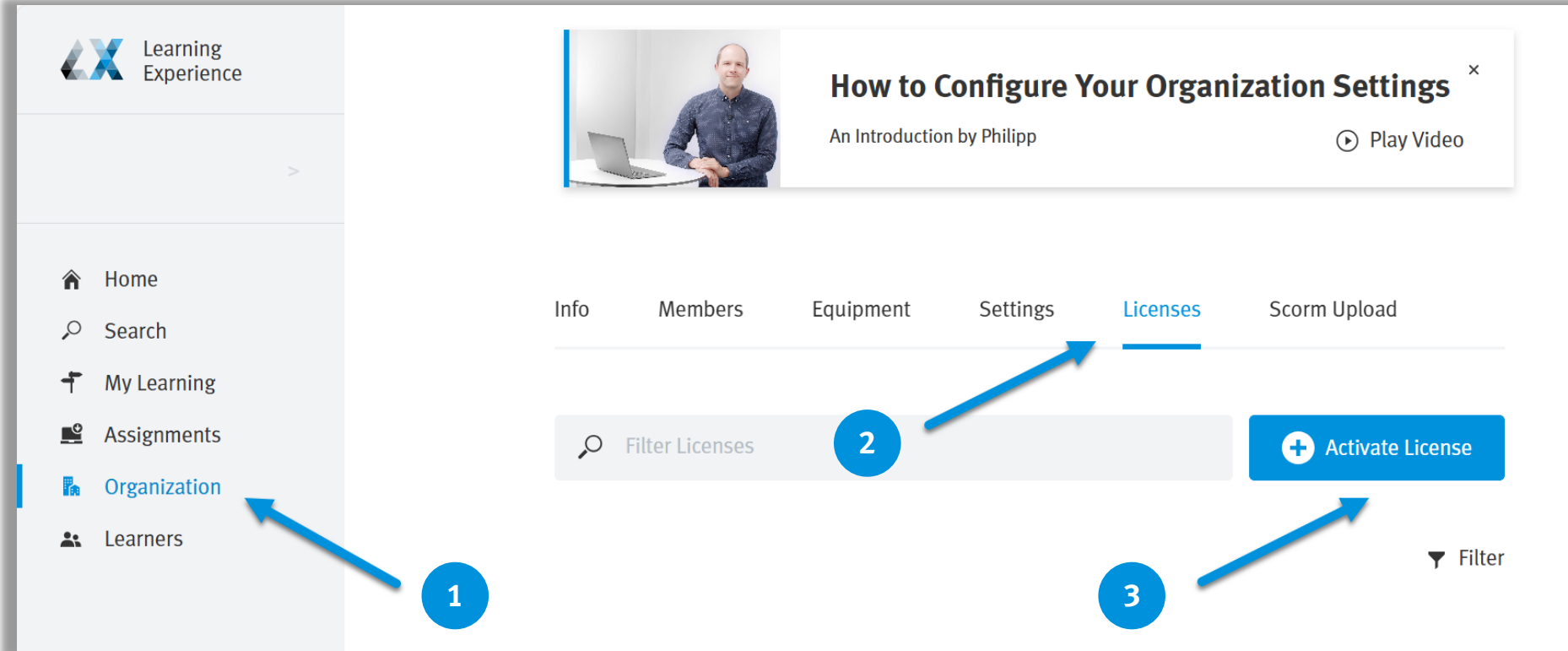
Password* Repeat Password*
_____  _____ 

☐ I have read and understood the [privacy policy](#)*

   Retype the characters*

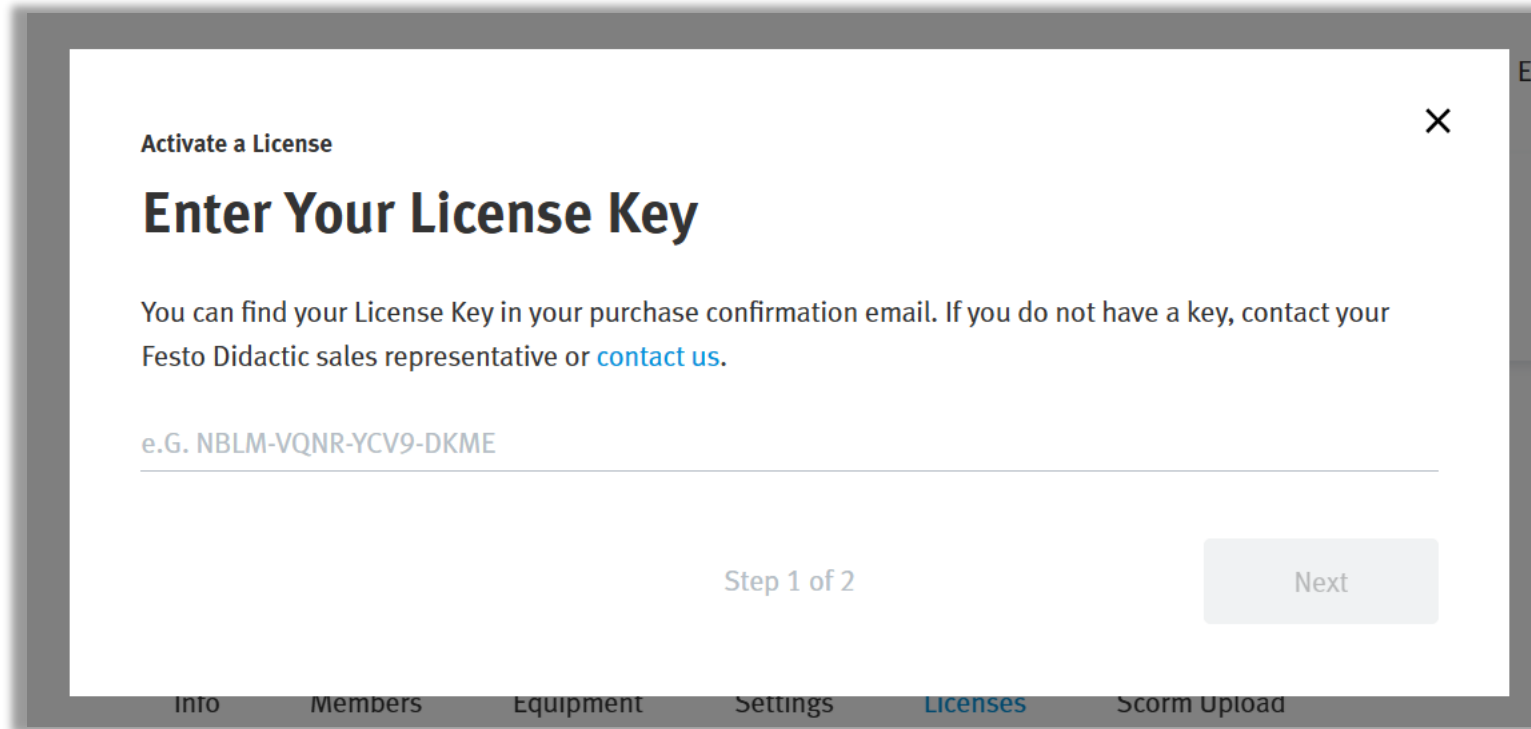
[Cancel](#)

Activate your License



1. Click on **Organization** in the main menu
2. Navigate to the **Licenses** tab
3. Click on **Activate License** button

Activate your License



The screenshot shows a modal dialog box titled "Activate a License" with a close button (X) in the top right corner. The main heading inside is "Enter Your License Key". Below this, a paragraph states: "You can find your License Key in your purchase confirmation email. If you do not have a key, contact your Festo Didactic sales representative or [contact us](#)." A text input field contains the example key "e.G. NBLM-VQNR-YCV9-DKME". At the bottom of the dialog, it says "Step 1 of 2" and features a "Next" button. The background shows a navigation menu with items: "Info", "Members", "Equipment", "Settings", "Licenses" (which is highlighted in blue), and "Scorm Upload".

Activate a License

Enter Your License Key

You can find your License Key in your purchase confirmation email. If you do not have a key, contact your Festo Didactic sales representative or [contact us](#).

e.G. NBLM-VQNR-YCV9-DKME

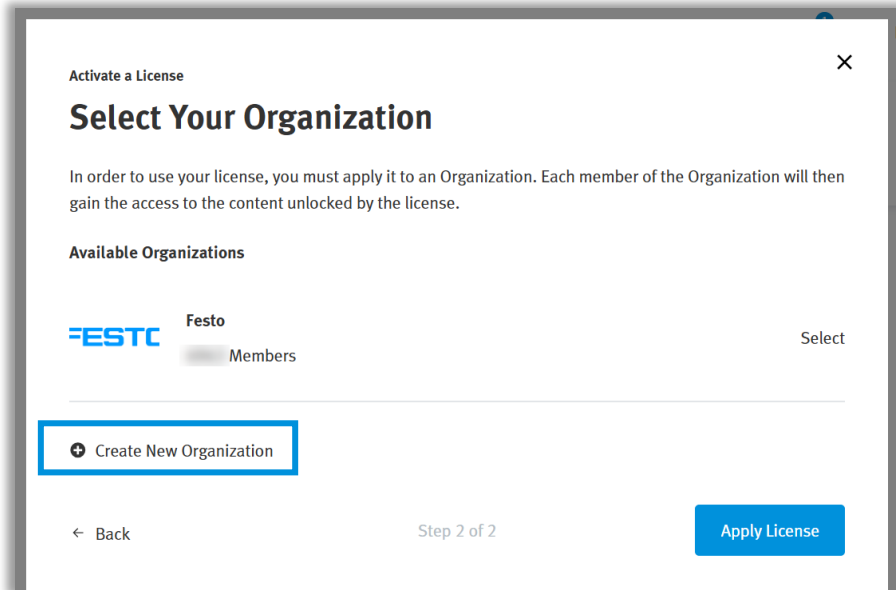
Step 1 of 2

Next

Info Members Equipment Settings **Licenses** Scorm Upload

Enter your License Key here and click on the Next button to proceed

Create an Organization



Activate a License

Select Your Organization

In order to use your license, you must apply it to an Organization. Each member of the Organization will then gain the access to the content unlocked by the license.

Available Organizations

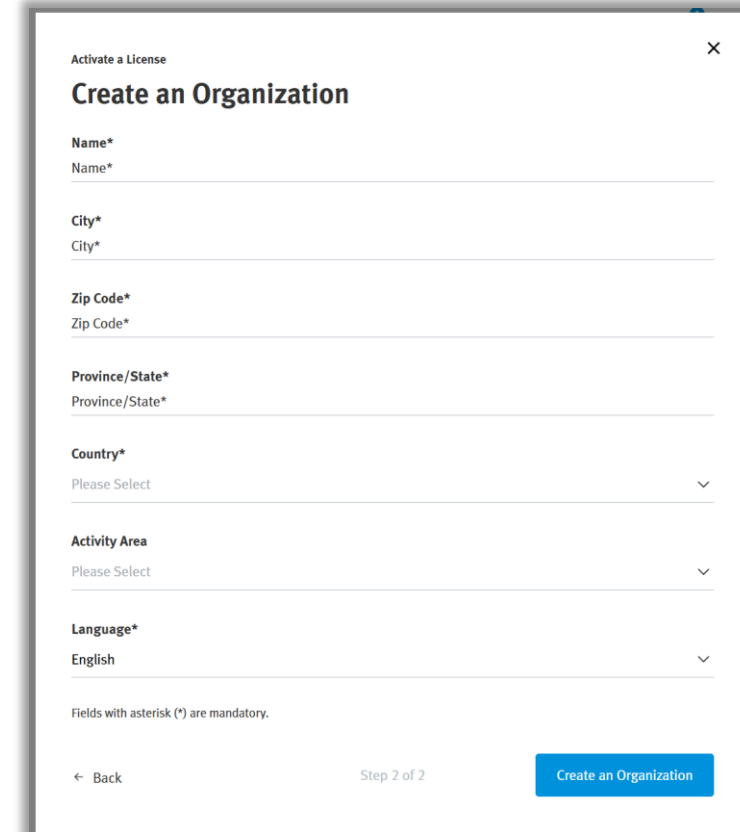
Logo	Organization Name	Members	Action
	Festo	Members	Select

[+ Create New Organization](#)

[← Back](#) Step 2 of 2 [Apply License](#)

Click on **Create New Organization**

- If you already have an Organization in Festo LX you can also active your license in an existing Organization, e.g. in case of a license renewal.
- If you have been invited into a Festo LX Organization by Festo as part of a demo, please create a new organization for yourself



Activate a License

Create an Organization

Name*
Name*

City*
City*

Zip Code*
Zip Code*

Province/State*
Province/State*

Country*
Please Select

Activity Area
Please Select

Language*
English

Fields with asterisk (*) are mandatory.

[← Back](#) Step 2 of 2 [Create an Organization](#)

Enter your **Organization Information** when creating a new organization

Information on Licenses

On this page, you have an **overview of all available licenses** in your Festo LX Organization. This includes the license duration and available users.

These licenses can be related to Festo LX, but also to other products which are integrated in Festo LX. This can be for example FluidSIM 365 or BMC SIM.

You can access more information on the license by clicking on the three-dots-menu.

[Info](#)
[Members](#)
[Equipment](#)
[Settings](#)
[Licenses](#)
[Scorm Upload](#)

[+ Activate License](#)



License
Festo Learning Experience

License Code	Type	Activated by	Activation Date	Expiration Date	Users	More
	Industry		03.02.2025	03.02.2026	0 of 11	⋮
	Industry		13.02.2025	13.02.2026	0 of 11	⋮
	Education		27.03.2025	27.03.2026	0 of 100	⋮



License
FluidSIM 365

License Code	Type	Activated by	Activation Date	Expiration Date	Users	More
	FluidSim 365 Pneumatics		30.11.2023	30.11.2028	1 of 50	⋮

Festo LX Premium

**How to integrate
courses in your
existing Learning
Management System**



Festo LX Premium | Integrate Courses in your LMS

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Info Members Equipment Settings **Licenses** Scorm Upload

Filter Licenses [+ Activate License](#)

Package
Festo Learning Experience

License Key	Type	Activated by	Activation Date	Expiration Date	Users	More
	Education		07.01.2026	07.01.2031	0 of 100	⋮
	Education Premium		31.03.2026	31.03.2027	0 of 100	⋮

Package
FluidSIM 365

License Key	Type	Activated by	Activation Date	Expiration Date	Users	More
	FluidSim 365 Pneumatics		30.11.2023	30.11.2028	1 of 50	⋮

With the Festo LX Premium package, you have access to all contents and features of Festo LX and are also able to integrate all courses – including customized or self-created contents – in your existing Learning Management System (like Moodle, Canvas, SAP SuccessFactors, ...).

You activate your license in the same procedure as described before.

To configure the transfer of courses to your Learning Management System, **click on the Premium License**

Festo LX Premium | Integrate Courses in your LMS

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Content License

New Connection

Connection Name*

Connection Type* SCORM

Add your LMS URL* SCORM

Learning Tools Interoperability (LTI)

Fields with asterisk (*) are mandatory.

Confirm

By accessing the detailed page, you see three tabs:

- Information
- Connection
- Content

1. Navigate to the **Connection** tab to get your initial LMS connection set up
2. You can choose between two technical options: SCORM or LTI
3. Depending on the option you choose, several information need to be entered
4. You are able to setup multiple connections if desired.

SCORM: We provide you with SCORM packages which you need to upload to your LMS after the setup and download from Festo LX. The important part is that the SCORM package always connects in the background to Festo LX, so you will always use the latest content from our learning portal and not an outdated version of the course.

LTI (Learning Tools Interoperability) is a secure connection standard that lets your LMS and an external course or tool talk to each other seamlessly. It's a different setup than SCORM packages, but in both cases we have a connection to the latest Festo LX courses and learning results like progress, success and completion status are transferred seamlessly.

Festo LX Premium | Integrate Courses in your LMS



Information needed for LTI Connection

To enable the LTI connection with your LMS, there is information to be entered in Festo LX as well as in your LMS.

Here are the URLs that are required to enter in your LMS for the connection:

Initiate Login URL

<https://lx.festo.com/Oxygen/api/lti/1.3/login>

Tool URL

<https://lx.festo.com/Oxygen/api/lti/1.3/launch>

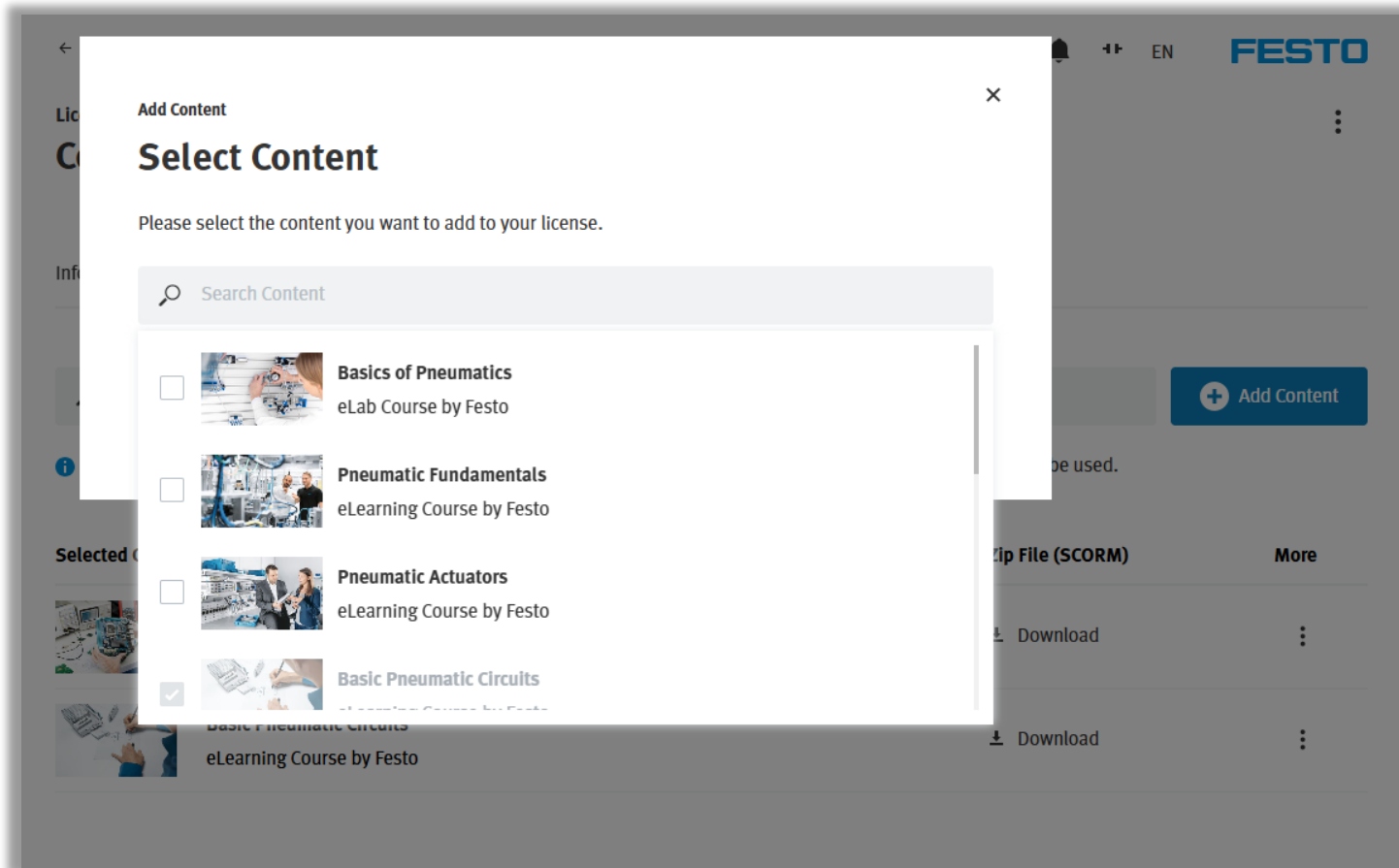
Redirect URL

<https://lx.festo.com/Oxygen/api/lti/1.3/launch>

Public Keyset URL

<https://lx.festo.com/.well-known/jwks>

Festo LX Premium | Integrate Courses in your LMS



To select the courses you want to integrate in your Learning Management System, you have two options:

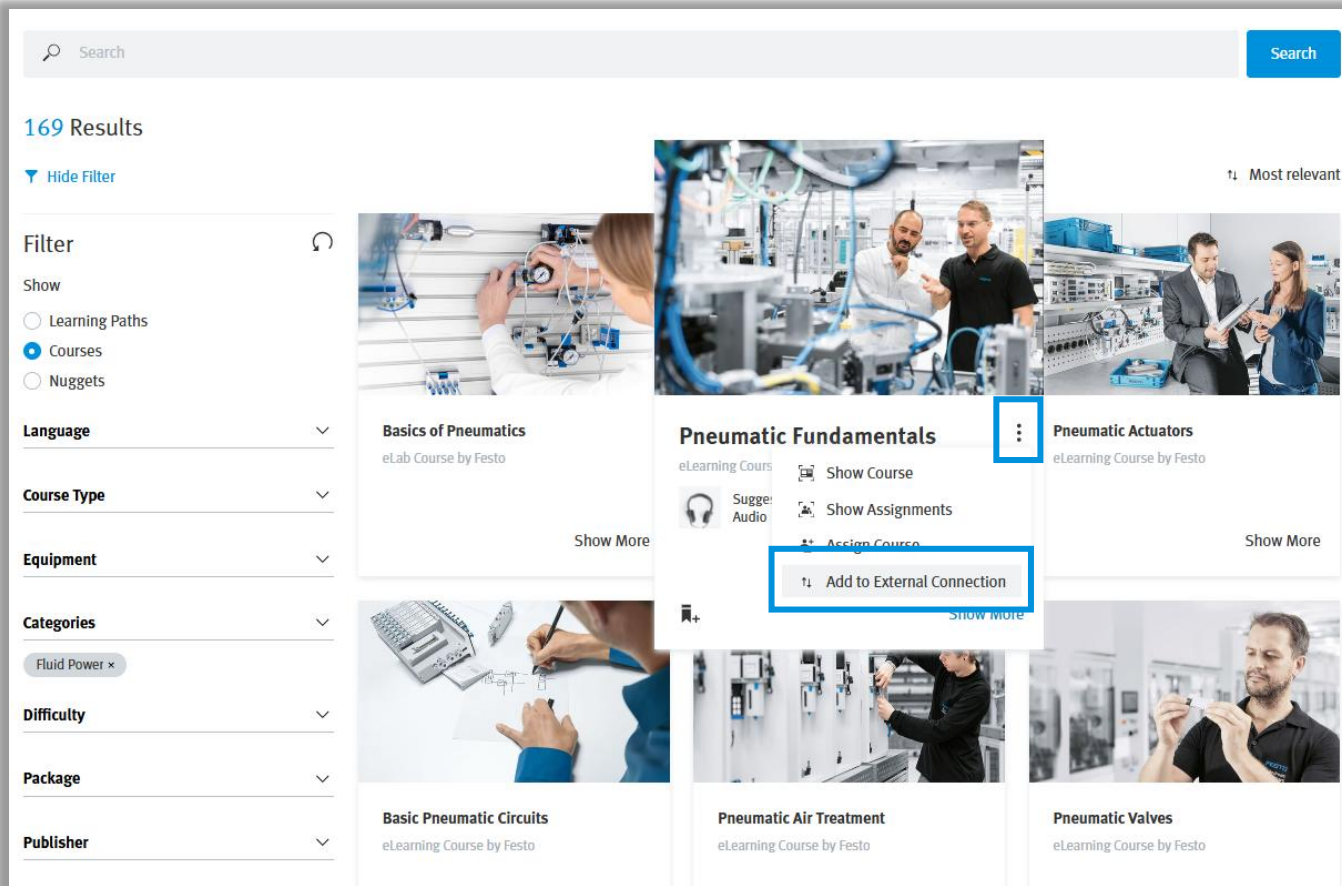
1. Use the **Content** tab here
2. Or **Add Courses directly** from the **Search** or the **My Learning page** (will only work after you have setup at least one connection)

Option 1:

- Navigate to the **Content** tab
- Click on **Add Content**
- You will see your Course Favorites already here as suggestion, but can also **use the Search bar** for all available courses
- **Select the courses** you want to add to your LMS interface

Festo LX Premium | Integrate Courses in your LMS

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To select the courses you want to integrate in your Learning Management System, you have two options:

1. Use the **Content** tab here
2. Or **Add Courses directly** from the **Search** or the **My Learning page** (will only work after you have setup at least one connection)

Option 2:

- **Use the Search page** to find suitable content which you would like to add to your Learning Management System
- When you found a course, you can **use the Three-Dot-Menu** to easily add it to your Content list for the LMS Connection
- Select **Add to External Connection**
- You can do the same via the My Learning Page > My Courses

Festo LX Premium | Integrate Courses in your LMS

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License Details

Festo Learning Experience Premium

Information Connection **Content**

Filter Content [Add Content](#)

Selected content can be used via SCORM or LTI. For SCORM, a ZIP file is available for download. For LTI, an Excel file can be used.

Selected Content	Usage	Zip File (SCORM)	More
 Basics of Pneumatics eLab Course by Festo	Limited	Download	
 Pneumatic Air Treatment eLearning Course by Festo	Full	Download	
 Pneumatic Fundamentals eLearning Course by Festo	Full	Download	
 PLC Programming eLearning Course by Festo	Full	Download	
 Open and Closed Loop Control eLearning Course by Festo	Full	Download	

Information on usage of selected courses:

Full:

These courses can be used in your Learning Management System without any restrictions.

For example: eLearning courses that run independently in any LMS.

Limited:

Courses marked as “limited” have dependencies with hardware or software from Festo Didactic or specific settings of an Evaluation in Festo LX which might work differently in your system. You can still run that course in your LMS but might not have the full learning experience.

For example: there is hardware required to do exercises, licenses for simulation software is needed, measuring values cannot automatically be transferred or a time limit set for Evaluations.

Festo LX Premium | Integrate Courses in your LMS

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License Details

Festo Learning Experience Premium

Information Connection Content

Filter Content + Add Content

Selected content can be used via SCORM or LTI. For SCORM, a ZIP file is available for download. For LTI, an Excel file can be used.

Selected Content	Usage	Zip File (SCORM)	More
 Basics of Pneumatics eLab Course by Festo	⚠ Limited	Download	⋮
 Pneumatic Air Treatment eLearning Course by Festo	✓ Full	Download	⋮
 Pneumatic Fundamentals eLearning Course by Festo	✓ Full	Download	⋮
 PLC Programming eLearning Course by Festo	✓ Full	Download	⋮
 Open and Closed Loop Control eLearning Course by Festo	✓ Full	Download	⋮

⬇ All Zip Files (SCORM)
⬇ Export Excel (LTI)

How to get the information you need to integrate in your LMS now:

SCORM:

- You can either **download all SCORM Packages together** (recommended for initial setup)
You can find this option in the Three-Dot-Menu at the top right.
- Or you **download single SCORM packages** (e.g. if you added a new course later on).
To do so, please click the Download button for the selected course in your list.

To learn more about how to upload a SCORM Package in your LMS, please have a look in your LMS providers' manual.

Festo LX Premium | Integrate Courses in your LMS

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License Details

Festo Learning Experience Premium

Information Connection Content

Filter Content + Add Content

Selected content can be used via SCORM or LTI. For SCORM, a ZIP file is available for download. For LTI, an Excel file can be used.

Selected Content	Usage	Zip File (SCORM)	More
 Basics of Pneumatics eLab Course by Festo	⚠ Limited	📄 Download	⋮
 Pneumatic Air Treatment eLearning Course by Festo	✅ Full	📄 Download	⋮
 Pneumatic Fundamentals eLearning Course by Festo	✅ Full	📄 Download	⋮
 PLC Programming eLearning Course by Festo	✅ Full	📄 Download	⋮
 Open and Closed Loop Control eLearning Course by Festo	✅ Full	📄 Download	⋮

⌵ All Zip Files (SCORM)
📄 Export Excel (LTI)

How to get the information you need to integrate in your LMS now:

LTI:

- **Export the Excel File** where all necessary information for the LTI setup are included.
You can find this option in the Three-Dot-Menu at the top right.
- If you have added new courses, you need to download a new version of the Excel file.

How to enable the LTI connection to another learning portal like Festo LX and how to add courses is usually described in your LMS manual.
If you need further support, please contact your LMS provider for help.

Festo LX Premium | Integrate Courses in your LMS



Demo Customer

Login URL	https://lx.festo.com/xxxxxxxxxxxxxxxxxxxxxxxx
Tool URL	https://lx.festo.com/xxxxxxxxxxxxxxxxxxxxxxxx
Redirect URL	https://lx.festo.com/xxxxxxxxxxxxxxxxxxxxxxxx

Registrations

Activation date	Duration in months	Number of users
01.01.20xx 21:00:00	12	100

Difficulty level	Status	Courseware type	Language	Custom parameter	Picture
Beginner	Finished	eLearning course	English	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	English	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	Deutsch	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	Español	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	eesti, eesti keel	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	Suomen kieli	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	Français	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	lietuvių kalba	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	Svenska	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	中文简体	content=732a7ee6125e	https://fd/Courses/732a7ee6125e
Beginner	Finished	eLearning course	Deutsch	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	Español	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	Français	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	Svenska	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	eesti, eesti keel	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	Suomen kieli	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	中文简体	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae
Beginner	Finished	eLearning course	lietuvių kalba	content=69ef36a8885ae	https://fd/Courses/69ef36a8885ae

What information do you find in the Excel file:

- You find information on the courses with their name and description (in course language)
- Furthermore, you get a suggested topic category for classifying this course.
- You find information on the difficulty level, type of course and the language.
- The **custom parameter** is needed to setup the direct connection to this course.
- With the **link** you can directly **download the cover picture** for the course.

How to add courses via LTI is usually described in your LMS manual.

If you need further support, please contact your LMS provider for help.

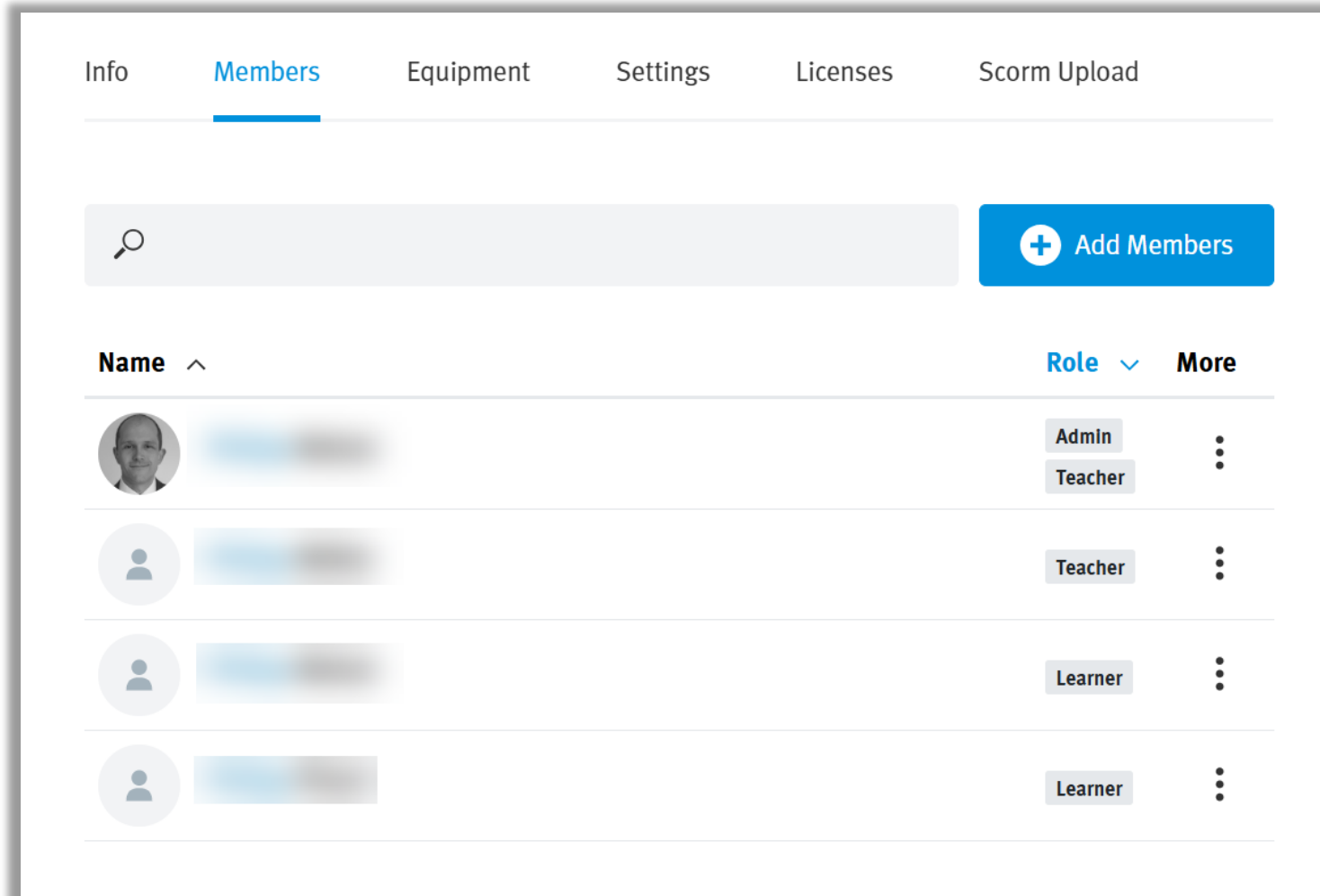
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Festo LX

**Main Functionalities
to get started**



Add Members to the LX Organization

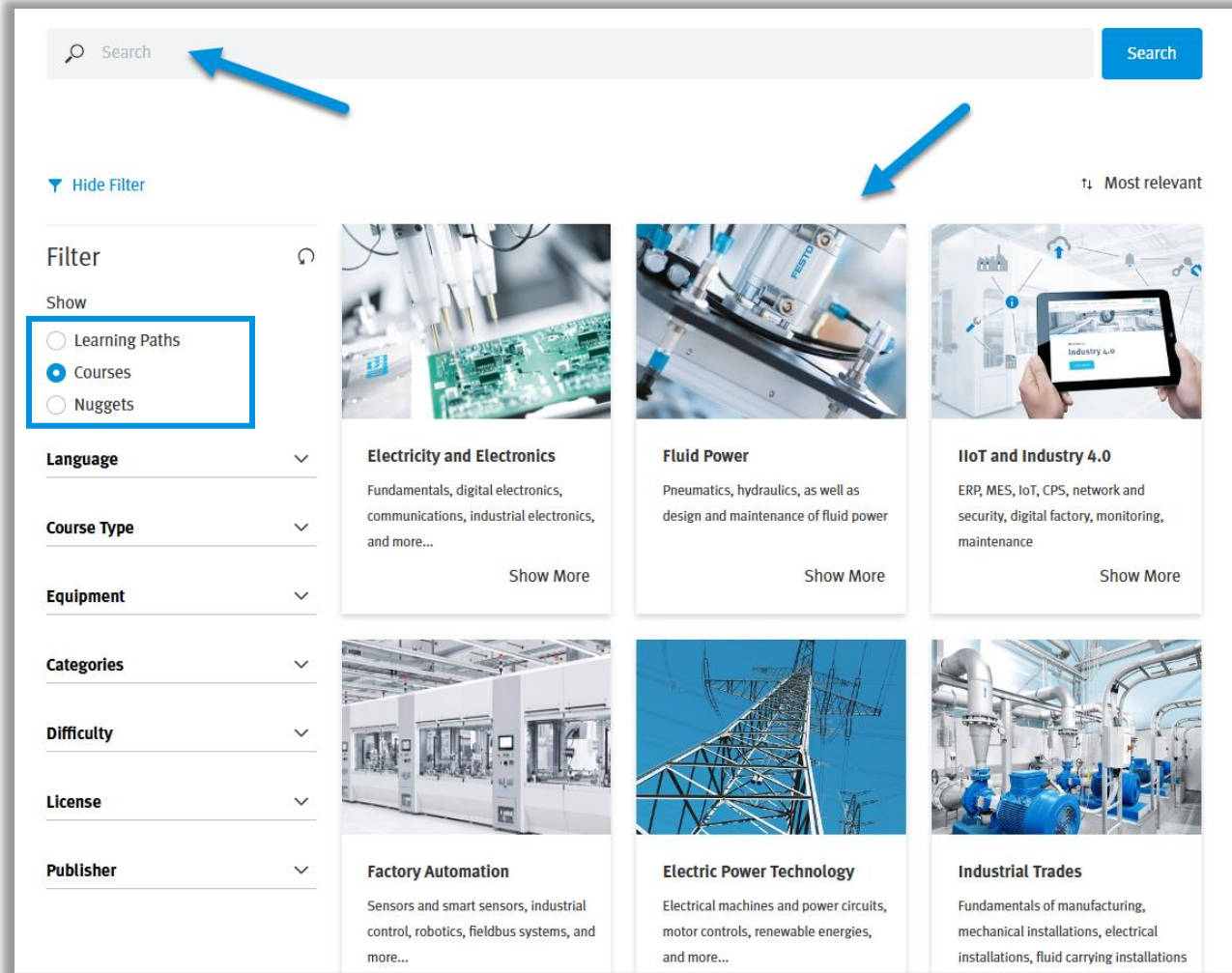


After activating your license code, you will automatically have the roles of Admin and Teacher.

As Admin you can invite further people to your Festo LX Organization – either by entering an email address or by sharing an invitation link.

Learn more about the Roles in our How it Works Course:
[Festo LX - How it Works | For Teachers | Festo Learning Experience](#)

Search for Courses and Learning Paths



1. Switch the radio buttons to determine whether you want to search for Courses, Learning Paths or Nuggets
2. Use the Search bar with a key word, the Category tiles or the Filters to start your search
3. Use additional filters to limit your search results.

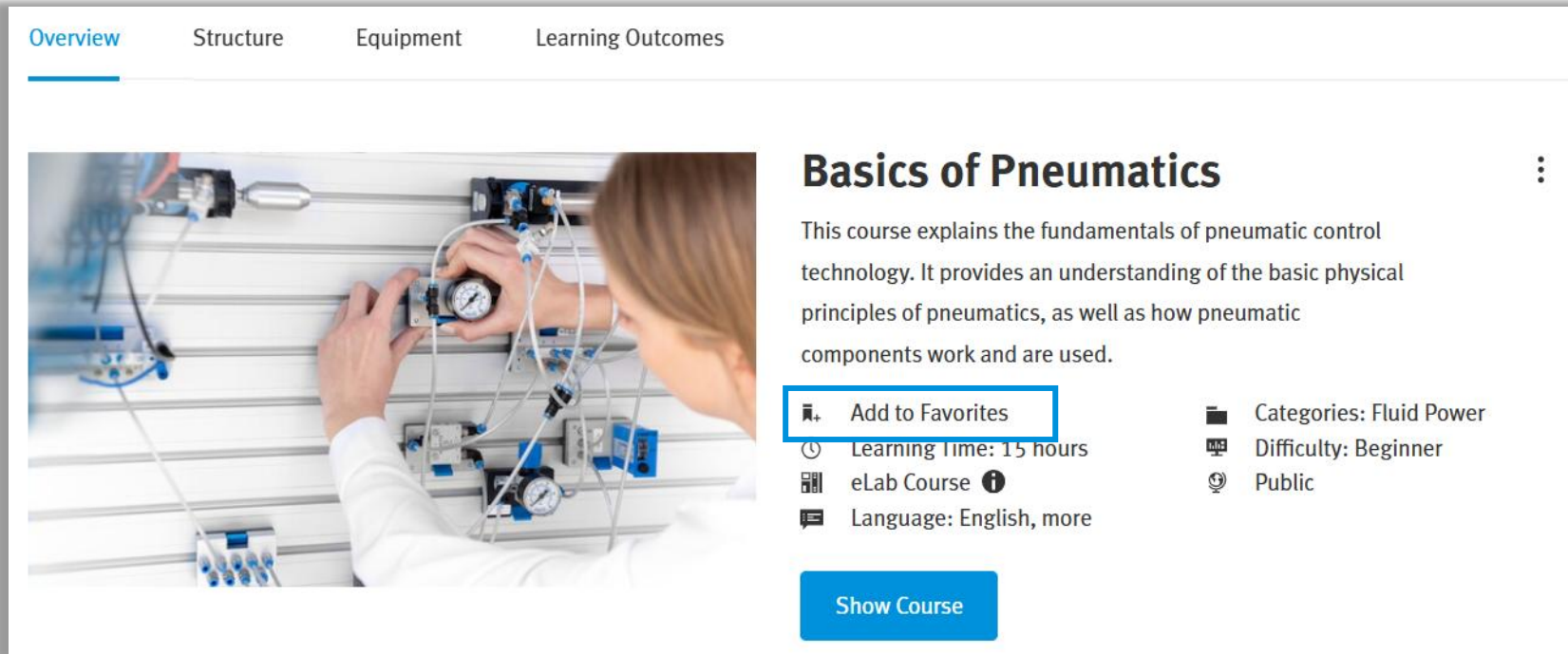
For example

Course Type “eLearning Course” and Category “Fluid Power”

or

“eLab Course” and an Equipment product line like “MPS”

Search for Courses and Learning Paths

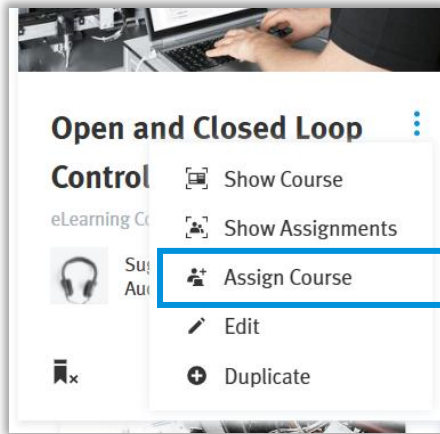


The screenshot shows a web interface for a course titled "Basics of Pneumatics". At the top, there are four tabs: "Overview" (selected), "Structure", "Equipment", and "Learning Outcomes". On the left, there is a photograph of a person's hands working on a pneumatic circuit board with various valves, gauges, and tubes. To the right of the photo, the course title "Basics of Pneumatics" is displayed in a large, bold font, followed by a three-dot menu icon. Below the title, a descriptive paragraph states: "This course explains the fundamentals of pneumatic control technology. It provides an understanding of the basic physical principles of pneumatics, as well as how pneumatic components work and are used." Below this text is a list of course details, each preceded by a small icon: a bookmark icon for "Add to Favorites" (which is highlighted with a blue box), a clock icon for "Learning Time: 15 hours", a document icon for "eLab Course" with an information icon, and a speech bubble icon for "Language: English, more". To the right of these details, there are three categories listed: "Categories: Fluid Power", "Difficulty: Beginner", and "Public". At the bottom of the course information section, there is a blue button labeled "Show Course".

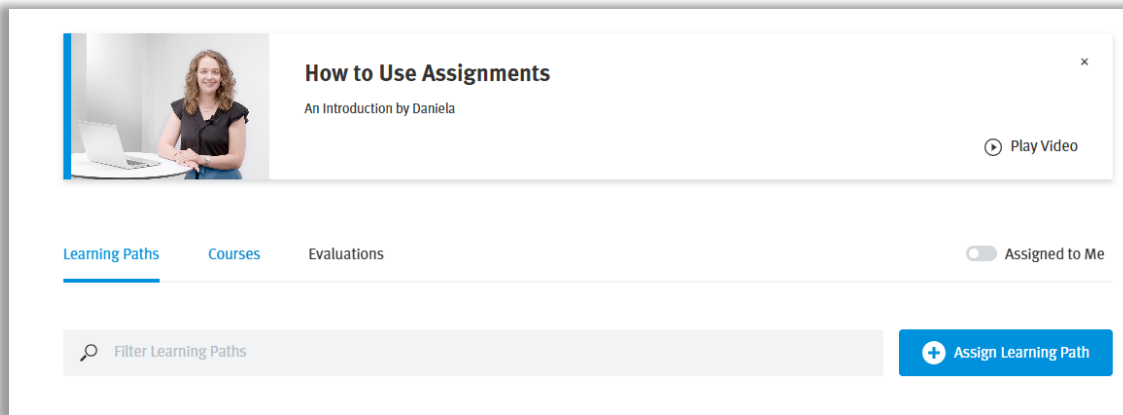
This page gives you an **overview of the most important course information**. Here you can change a course language for example or add a course to your favorites. To do so, click on the **„Add to Favorites“** button. The course will be shown in the section „My Learning“ in the main menu.

The **other tabs** will give you further information on the course structure, equipment which you might need to perform practical hands-on exercises as well as learning outcomes.

Assign Courses and Learning Paths



To provide your Learners with a guidance what to learn or where to start, you can create an Assignment for them.
You can do this directly using your favorite courses or learning paths in the **My Learning** page.
Add an assignment by using the three-dot menu and click on **“Assign Course”**



Alternatively, you can use the main menu **Assignments** and click on the **“Assign...”** button to assign Courses, Learning Paths or Evaluations to an individual learner or group.

Festo LX offers Self-Learning – which means that Learners can access and browse through all available courses without Assignments. You can manage Self-Learning in Organization > Settings as an Admin. In case you disable Self-Learning, Learners will only have access to courses or learning paths if they have an Assignment!

Customize Courses in Festo LX



Overview Structure Equipment Learning Outcomes



Basics of Pneumatics

This course explains the fundamentals of pneumatic technology. It provides an understanding of the principles of pneumatics, as well as how pneumatic components work and are used.

- Add to Favorites
- Learning Time: 15 hours
- eLab Course ⓘ
- Language: English, more

Show Course

- Show Assignments
- Assign Course
- Edit**
- Duplicate
- Course Settings

Festo LX offers you the possibility to customize our existing Learning Materials. Click on **“Edit”** to get started.

- Thanks to our modular Nugget concept you can re-arrange course contents, delete them or create your own Learning Nuggets using the LX Creator
- When you customize a course, you create your personal copy of a course which can be later on shared again within your organization or transferred to another Festo LX Organization (sharing functionality)

Overview **Structure** Equipment Learning Outcomes

Basics of Pneumatics



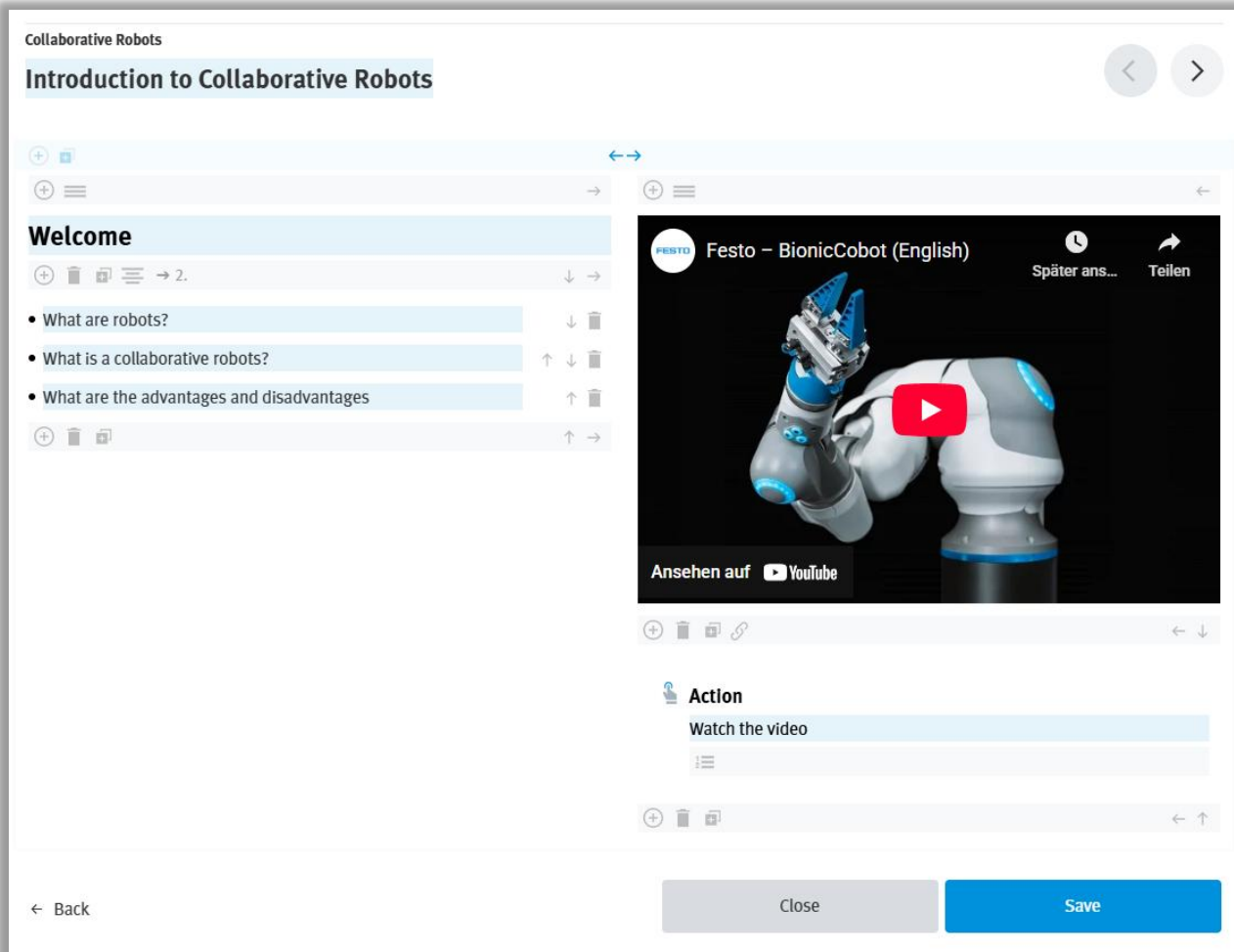
18 Exercises
20 Nuggets

Basics of Pneumatics ▾

02 min

Learn more about the Customization options in our How it Works Course:
[Festo LX - How it Works | For Teachers | Festo Learning Experience](#)

Create your own Learning Nuggets



1. Go to **My Learning** and the tab **My Nuggets**
2. Select **Create a Nugget** on the right side of the screen.
3. In the new window that shows up, fill in general information, select required equipment if necessary and then proceed to the content creation.
4. Start creating your own learning content by adding texts, images/videos, quizzes and more. Make use of our various templates or let our integrated AI support you in creating content.

Further Information | Tutorial Videos and FAQs

For further support, you can find our **Festo LX Tutorial Videos** on all respective pages directly in Festo LX.

Also, we have an **FAQ** which provides you with answers to the most frequently asked topics.



How to Get Started in Festo LX

An Introduction by Philipp

Play Video



How to Use Assignments

An Introduction by Daniela

Play Video



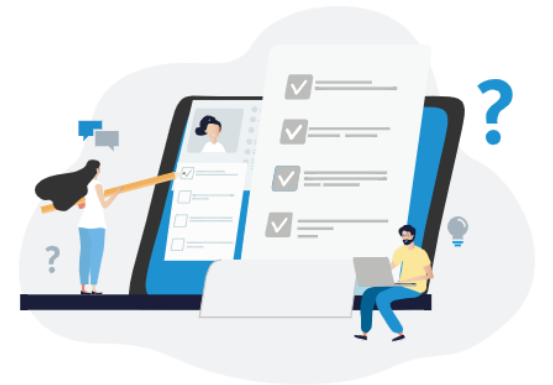
How to Manage my Organization

An Introduction by Philipp

Play Video

Welcome to the Festo LX FAQ.

Please find below, frequently asked questions (FAQ) & answers working with Festo LX.



Festo LX FAQs

Contact Us

If you have any questions, requests, or issues regarding Festo LX, feel free to reach out to us via the link:

[Contact us | Festo Learning Experience](#)

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