

How **healthcare institutions** are using CYPHER



Table of contents

How healthcare institutions are using CYPHER	3
CYPHER features that are useful for healthcare institutions	4
About CYPHER Learning®	13



CYPHER is the perfect solution for delivering effective healthcare training whether it's onboarding programs for new employees, professional development for existing staff, or mandatory courses that need to be completed in order to be compliant with the imposed standards.

How healthcare institutions are using CYPHER

Keeping up with the newest solutions and technologies is especially important in the healthcare sector. **Fast-paced innovation and the highly regulated nature** of this domain made continuous training a critical activity for every institution that delivers healthcare products and services.

Respecting the **industry standards** is mandatory on most levels of the healthcare systems and the regulatory bodies have to **ensure that the staff is up to date on all training courses and certifications**.

There are companies that do specialized health training as their core business and there are many hospitals, clinics, and research centers who do in house training for their staff. Either way, they need an **effective solution to create and deliver training courses**.

Many organizations started using learning management systems to **enhance their offline training activities, reduce costs, and increase training efficiency**. CYPHER is the perfect solution for delivering effective healthcare training whether it's onboarding programs for new employees, professional development for existing staff, or mandatory courses that need to be completed in order to be compliant with the imposed standards.

CYPHER is used by a variety of healthcare organizations, such as child care centers, training companies who specialize in providing courses for medical staff, research centers, nursing academies, and more.



With our LMS, healthcare companies can easily create engaging training courses in a variety of formats such as instructor-led, self-paced, or micro-learning.

With the Organizations feature, they can organize their doctors, nurses, and staff in separate departments based on their learning needs, and they can **provide training to large audiences located in multiple locations**. Compliance training and certification ensures employees of healthcare institutions have the **necessary skills to take care of their patients**.

CYPHER features that are useful for healthcare institutions

CYPHER includes useful functionalities that cater to the needs of healthcare institutions such as compliance, certification, resource

sharing, mastery, automation, and more.

Here is an overview of our features:

Training styles

Healthcare organizations usually create and deliver **training programs in a variety of formats**, depending on the type of learners, whether it's hospital managers, doctors, nurses, or auxiliary staff.

Instructor-led courses

Instructors can use these courses to **support face-to-face training sessions**.

Learning takes place in a traditional training environment, but the course material is created and delivered through CYPHER.

For example, a course about a new medical procedure requires an instructor who demonstrates how it is performed, but the **course material can be hosted on CYPHER**.

Self-paced learning

Training companies can create self-paced courses when there is **no need for a physical instructor**. Learners can go through courses at their own pace and access course

materials anytime, anywhere, without having a set training schedule.

For example, a course on "Lab Safety" can have no instructor and learners can read the course material when they have time and **take online assessments** to gain the necessary certifications for their job.

Micro learning

Micro courses are **designed to be consumed in small 5-10 minute chunks** and allow learners to focus on the content, by removing all distractions. They are a great option for institutions that occasionally do **on-the-job training**.

For example, a course on "Creating Ointments" can be added as a micro course that contains a collection of ointment recipes that pharmacists can quickly access when they have to create new cures.

Compliance training

The health sector is **highly regulated** and requires tools to **facilitate standardized mandatory training** and **track the compliance of employees**. Using the CYPHER compliance feature, institutions can ensure that each learner is up to date with their compliance training and renews this training periodically.

For example, once the learner completes a course such as “Child Psychology”, they will

be compliant for one year, after which they are required to take the course again.

Regulatory bodies can decide how long learners are considered compliant once they’ve completed the course. They can also trigger actions when compliance is almost due, such as **automatically sending a notification** to learners or re-enrolling them in the course.

The screenshot displays the 'ER Nurse Training' admin interface. The left sidebar contains navigation links: Dashboard, Modules, Assessments, Reviews, Scores, Mastery, Learners, Instructors, Games, and Attendance. The main content area is titled 'Admin' and includes tabs for Configure, Basics, Features, Compliance (selected), Schedule, and Enrollment. The 'Compliance' section shows settings for the course, including a duration of 2 years and an expiration countdown of 30 days left. It lists actions performed when the learner has 30 days left before compliance expires, such as 'Send custom notification to user'. Below this, it shows an expiration countdown of 10 days left with the action 'Reenroll in course ER Nurse Training'. The right sidebar shows the 'Admin' profile for Stephanie Brown, including details like Style: instructor, Catalog: page, Published, Access code: KWBD-KTDF, Path, Active learners: 20, Enrollment: open, Unlocked, Creator: tom mcgregor, Drafted by: CYPHER Agent, Parent course: Nurse Training, LMS ID: 202162, and Tags: hard, visual learner.

Certification

Certification is especially important from the carrier building perspective of the medical staff. When healthcare training courses are completed, learners usually are **awarded certificates that prove their newly acquired skills** that are indispensable for their job requirements.

In CYPHER, you can **upload your own certificates and award them to learners using automation** when they complete courses or learning paths. Organizations

can upload custom certificate templates and include fields that will be filled in automatically when the certificate is awarded to the learner.

Healthcare training courses may also require **prerequisite certificates** that learners must have before enrolling in a course. For example, if the learner does not have the “Basic nurse certification” they can’t enroll in the “ER nurse training” course.



Learning paths

Healthcare companies can assemble training programs to help learners become **proficient in a topic or skill using learning paths**. Learning paths are sequences of goals that learners must complete one by one to **achieve mastery on a topic**. Goals can be courses, certificates, or other paths.

This feature is useful for healthcare organizations because there are **specific expertise levels that learners must pass to become qualified for the job**.

For example, a pharmacy can create a “Basic Pharmacist Training” learning path where learners are required to take the “Lab Safety” course before moving on to the “Handling Sensitive Substances” and “Creating Ointments” courses, to ensure that learners have a comprehensive understanding of the whole manufacturing process.

Basic Pharmacist Training

Search

Stephanie Brown

Modules

Analytics + Add Show sections

Modules and sections can be completed in any order.

Select all Current Delete

1. Getting started

In the first part of the learning path, you will get more familiar with pharmaceutical concepts.

6 sections

Section	Given	Submitted	To score
Code of ethics			
An introduction to medical research			
Pharmaceutical chemistry			
Quiz			X
Guided Session			
Chemistry of medicines			X

2. Manufacturing pharmaceuticals

After you've completed the first module, it's time to get into the physical production of goods.

5 sections

3. Medical research

Now it's time to understand medical research.

Activity

- Stephanie Brown Created assessment Quiz
- Stephanie Brown Created module Manufacturing phar...
- Stephanie Brown Graded assessment Project: Data Cle...

Admin

- Style: instructor
- May 18, 2025 - Aug 15, 2025
- Catalog: [page configure](#)
- Not published [publish](#)
- Access code: RJCP-PUD8 [reset](#)
- Path
- Active learners: 0
- Enrollment: open [close](#)
- Unlocked [lock](#)
- Creator: [stephanie brown](#)
- LMS ID: 1758703
- Tags: none

Announcements

Competency-based learning

Hospitals and other organizations have to make sure that the courses provided to their staff **comply with the health industry standards** and the learners will gain all the knowledge and skills needed to perform their highly qualified jobs.

Using the competency-based learning feature, you can easily ensure that courses are compliant with the imposed

requirements. **Content can be tagged with the competencies** that training courses should be teaching and assessing and you can **track learner progress on a competency basis**.

For example, the “Introduction to Medical Research” course must cover all the necessary skills that young researchers need to acquire regarding the process of scientific research.

ER Nurse Training

Search [] Stephanie Brown

Mastery

Skills **Learners** Coverage Rules Options

Learners by first name

Calculation: Best

	Skills	Emergency Nursing	Advanced Procedures	Critical Care	Disaster Preparedness	Mass Casualty Incidents	Patient Safety	Emergency Care	Child Emergency...	Res...
	Code	G.1	C.1	C.2	C.3	G.2	C.4	C.5	C.6	C...
Learner	Average									
Johnson, Aaliyah	85%	89%	91%	86%	87%	84%	80%	84%	86%	81%
Ahmed, Alex	82%	99%	100%	96%	100%	91%	84%	89%	98%	91%
Patel, Arjun	77%	88%	89%	91%	85%	86%	77%	87%	85%	91%
Santos, Casey	60%	73%	78%	76%	65%	58%	39%	64%	63%	61%
Smith, Emma	56%	58%	58%	56%	60%	60%	56%	60%	68%	57%
Müller, Hans	74%	89%	94%	77%	95%	80%	83%	76%	79%	81%
Phillips, Jack	82%	99%	99%	97%	100%	80%	66%	81%	77%	91%
Robinson, Jack	86%	97%	100%	92%	100%	94%	96%	95%	88%	91%
Kim, Ji-hoon	78%	87%	99%	72%	90%	79%	67%	81%	97%	51%
Chen, Jordan	86%	92%	93%	91%	93%	96%	100%	94%	94%	91%
Nguyen, Mai	84%	87%	89%	94%	79%	89%	77%	94%	93%	91%
Cass, Meghan	77%	87%	89%	81%	90%	82%	86%	77%	83%	81%
Dussay, Spike	80%	83%	87%	86%	78%	85%	89%	90%	93%	81%
Garcia, Taylor	84%	98%	98%	96%	100%	98%	100%	96%	99%	91%

Organizations

CYPHER provides a **convenient way to organize learners based on their role within the institution**. This is a useful feature for instructors who want to deliver separate training for different departments.

You can **create separate organizations for learners** and deliver training courses that are specific to each learner's medical

specialization. Each organization can have its own courses, learning paths, catalog, and users.

For example, you can create separate organizations on your CYPHER site for the hospital management, medical staff, and nurses and you can deliver specialized training focused on the needs of each audience.

Name	Edit	Default	Learners	Instructors	TAs	Managers	Parents	Mentors	Monitors	Administrators	Content administrators	Courses	Groups	Int
On The Mend			18	7	3	2	1	1	2	4	-	131	15	
Medical staff			4	2	-	2	-	-	-	2	-	2	-	
Nurses			-	1	-	1	-	-	-	-	-	1	-	
Auxiliary staff			6	2	-	2	-	-	-	2	-	1	1	
External staff			-	-	-	-	-	-	-	-	-	-	-	



The Organizations feature allows you to organize your doctors, nurses, and staff in separate departments based on your learning needs. You can also provide training to large audiences located in multiple locations.

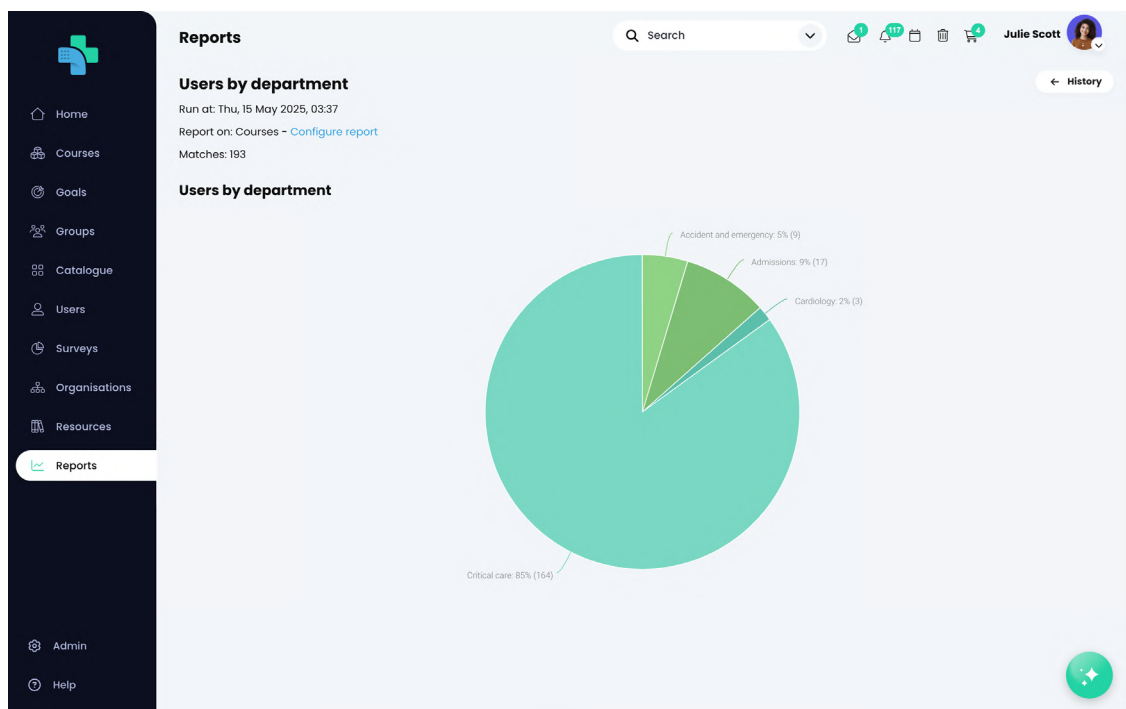
Advanced reporting

CYPHER provides a **comprehensive set of analytics and reporting tools** that health institutions can use to retrieve valuable data about multiple areas of the platform. The **continuous monitoring of training and learning activities** allows instructors to easily **pinpoint problem areas** that need to be addressed.

The **custom reporting** functionality allows users to select the data that they want

to report on such as users, compliance, courses, organizations, and more. They can also select a variety of fields, use filtering options, sort and group data by different parameters, and choose the chart output.

For example, you can generate a custom report that shows in a chart the number of learners who are enrolled in your “Intensive Care Medicine” course from each department of the hospital.



Automation

The automation feature helps healthcare institutions **save time on training tasks by replacing rigorous manual work**. With automation, **actions can be triggered throughout the platform** when certain tasks are performed. You add actions that automatically enroll new learners in courses based on their job requirements. Adaptive learning allows instructors to **use automation to dynamically personalize**

a course ensuring a highly personalized experience.

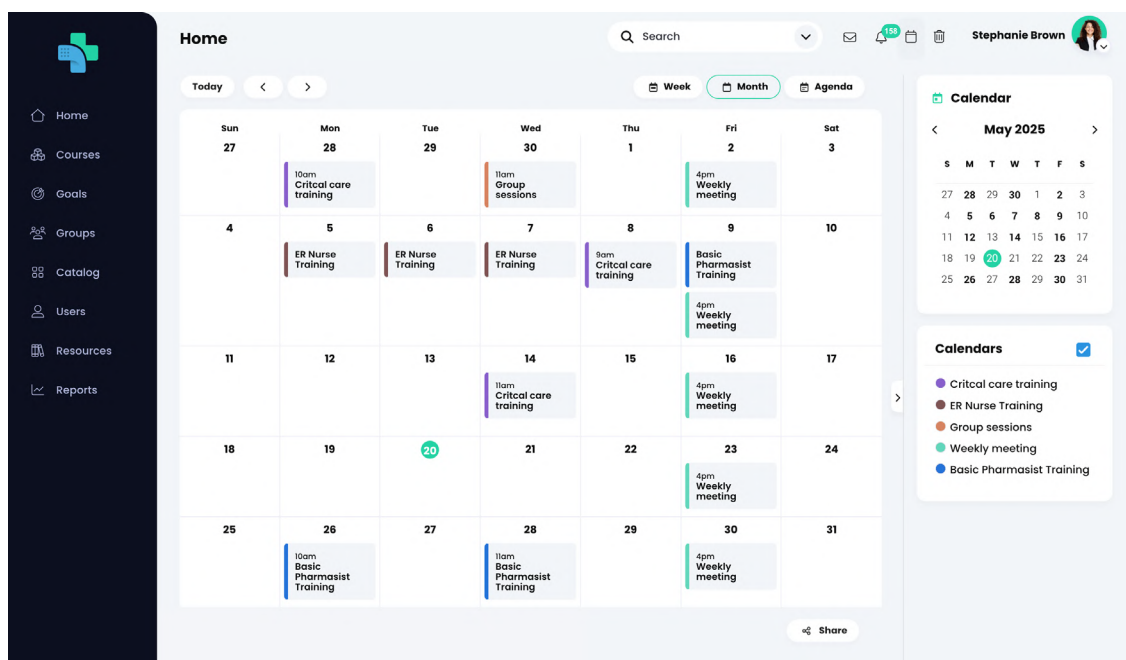
For example, with automation, instructors can define actions that are automatically triggered when learners finish the “Lab Safety Course” and enrolls them into the more advanced “Handling Sensitive Substances” course.

The screenshot displays the 'ER Nurse Training' course configuration page. The left sidebar contains navigation links: Dashboard, Modules, Assessments, Reviews, Scores, Mastery, Learners, Instructors, Games, and Attendance. The main content area is titled 'Admin' and includes tabs for Configuration, Basics, Features, Schedule, Enrollment, Modules, and Completion (which is currently selected). The 'Completion' tab shows options to 'Disable' or 'Add requirement'. Below this is the 'Sequencing' section with checkboxes for 'Require modules to be completed in order' and 'Require sections to be completed in order'. The 'Auto-completion' section has checkboxes for 'Automatically complete a page section when it is visited', 'Require video completion' (which is checked), and 'Course autoplay - automatically proceed to next section when current video finishes'. The 'Completion actions' section includes a table of actions to be performed upon course completion, such as awarding certificates, sending notifications, and awarding points or badges. The 'Notifications' section at the bottom has checkboxes for notifying teachers, managers, and administrators of course completions. On the right, an 'Admin' sidebar shows course details like 'Style: instructor', 'Catalog: page', 'Published: unpublish', 'Access code: KWBBD-KTDF', 'Path', 'Active learners: 20', 'Enrollment: open', 'Unlocked', 'Creator: tom mcgregor', 'Drafted by: CYPHER Agent', 'Parent course: ER Nurse Training', 'LMS ID: 202162', and 'Tags: hard, visual learner'.

Scheduling training sessions

Health instructors can easily schedule and manage all training courses using our color-coded calendar. **Organizing training activities efficiently** helps healthcare professionals to keep up with continuous training without taking essential time away from their life-saving activities.

Institutions can also use our **web-conferencing tools to plan remote courses** directly from the calendar and connect with learners from multiple locations instantly, reducing the time spent traveling to offsite training facilities.



Many organizations started using learning management systems to enhance their offline training activities, reduce costs, and increase training efficiency.

About CYPHER Learning

CYPHER Learning exists to give learners the power to succeed in a rapidly changing world. Trainers, learning and development (L&D) pros, HR pros, and educators get everything they need in one platform to deliver faster, more personalized, and better learning outcomes. We provide the only all-in-one AI-powered

learning platform that is easy-to-use, beautifully designed, and built to power billions of learning moments every day. Create courses faster. Train and teach better. Learn even quicker. Experience our “just in time, just for you, just the way you want to learn” approach that puts people first.



To learn more about CYPHER Learning and our modern learning platform, visit us at

www.cypherlearning.com