

SEA Considerations for Planning, Designing, and Implementing Effective eLearning Programs

August 2024



CCNETWORK
Comprehensive Center Network



REGION 17
Idaho
Montana

SEA Considerations for Effective eLearning Programs

It seems that nearly every aspect of our lives has been touched by technology, and training and professional development for public educators is no different. Virtual training programs have emerged as a popular alternative to traditional classroom training, offering a variety of engaging formats to achieve your training goals and comply with state and federal training requirements.



eLearning offers SEAs a cost-effective solution to deliver consistent, high-quality, sustainable training to geographically dispersed educators.

In today's evolving educational landscape, eLearning offers a powerful way for state education agencies (SEAs) to support educators with the knowledge and skills they need to become more effective in addressing the challenges they face. Beyond its adaptability to diverse learning needs, eLearning offers a range of advantages, including:



ADULT LEARNERS

Convenience. Access training when and where you want

Flexibility. Work at your own pace and revisit difficult material

Personalization. Harness personalized learning paths to make content more job-specific and relevant



STATE EDUCATION AGENCIES

Consistency. Provide uniform training for educators across the state

Data Driven. Leverage metrics such as learner engagement and assessment scores to make informed decisions

Compliance. Streamline tracking of professional development and compliance requirements

eLearning offers numerous benefits for delivering training, but achieving success requires thinking through a variety of considerations. This resource provides key insights and guidance to help SEAs effectively navigate and implement eLearning solutions.

Determining if eLearning is the Right Solution

eLearning is not always the best solution for every training need. Whether it's the right choice depends on a variety of factors including your specific training goals, the nature of the content, the level of collaboration required, and your available technical infrastructure.

Training can only solve problems caused by a lack of knowledge or skill

If the underlying problem stems from other factors, such as insufficient resources or systemic issues, even the best-designed training will not be effective.

When Might eLearning NOT be the Right Fit?



Learners have limited technology access or low bandwidth



Content needing frequent discussion or ongoing collaboration



Complex or high-stakes topics better suited for in-person, nuanced discussion



Content that changes rapidly or needs frequent updates

Exploring eLearning Modalities

Once you've confirmed that eLearning is the right fit for your training needs, you're ready to start thinking about whether you want a fully asynchronous (self-paced) format or a blended approach that combines asynchronous learning with synchronous (real-time) elements. Below are a few examples of these modalities.

Practical Applications of eLearning for Educators

eLearning Modality	Practical Application
Fully Asynchronous	A required compliance training for all district teachers to take prior to the start of the school year, featuring a library of short eLearning modules on topics including Harassment, Intimidation, and Bullying (HIB) and reporting procedures for suspected child abuse or neglect.

eLearning Modality	Practical Application
Blended	An optional professional development opportunity for middle and high school teachers consisting of a series of four, 20-minute modules paired with two live, instructor-led webinars and an offline follow-up activity to help teachers support English Language Learners (ELL) in the classroom.
Blended Learning Community	A required professional learning community for all first-year teachers that includes self-paced eLearning modules, monthly live instructor-led sessions with guest speakers, 1:1 virtual coaching with their mentor, a discussion board, and offline application-based activities. This program supports new teachers through their first year and includes special topics such as classroom management, district policies and procedures, and standards-based assessment strategies.

Technical Infrastructure Needs for eLearning

Self-paced modules are usually hosted on a **Learning Management System (LMS)**, a one-stop shop for accessing, managing, and tracking all your learning and training materials online. The table below highlights key factors and guiding questions to consider when selecting the right LMS for your needs.

Considerations for Selecting an LMS

Factors	Description	Questions for Consideration
Pricing and Licensing	LMSs offer varied pricing models such as one-time payments or subscriptions based on user activity	<ul style="list-style-type: none"> • Which pricing model fits our budget and anticipated number of learners? • Are there discounts or bulk licensing options available?
Security and Data Privacy	Ensure the LMS complies with privacy laws has strong security features like encryption	<ul style="list-style-type: none"> • Does the LMS meet FERPA, COPPA, and state privacy requirements? • Are there state-specific data privacy regulations the LMS must adhere to?
Enrollment Limits	LMSs have varying enrollment models, affecting scalability and cost	<ul style="list-style-type: none"> • What is the maximum user capacity of the LMS? • Which enrollment model (active vs. total users) is more cost-effective for us?

Factors	Description	Questions for Consideration
Learner Analytics and Compliance Management	Detailed analytics help track learner progress and generate customizable reports for monitoring and reporting needs	<ul style="list-style-type: none"> • Does the LMS offer analytics and reporting features that align with state data reporting requirements? • Does the LMS support generating and issuing certificates of completion for learners?
Accessibility and SCORM Compliance	The LMS should meet accessibility standards and be SCORM compliant	<ul style="list-style-type: none"> • Does the LMS comply the latest accessibility standards and guidelines (Section 508, ADA, WCAG)?
Integration with Other Platforms	Ensure the LMS can integrate with systems like HR tools, video conferencing, and scheduling	<ul style="list-style-type: none"> • Can the LMS integrate with our existing systems? • What third-party platforms does this LMS integrate with?
Content Creation Tools	Some LMSs offer a suite of tools that can be used to create training materials within their platform	<ul style="list-style-type: none"> • Does the LMS offer content creation and management tools? • Will the LMS be used for new content creation or just for hosting pre-made materials?
User-Friendliness and Customer Support	An easy-to-navigate LMS with responsive customer support ensures effective use and assistance	<ul style="list-style-type: none"> • How intuitive is the LMS for users? • What training and support does the LMS provide for onboarding and ongoing use?
Device Compatibility and Responsiveness	The LMS should work on various devices, including desktops, tablets, and smartphones	<ul style="list-style-type: none"> • What types of devices will learners use (school laptops, personal devices, etc.)?

Considerations Throughout the Project Lifecycle

While each eLearning development team may have a slightly different process, some common milestones are typically encountered in any eLearning project. Below are guiding questions to consider for each of these milestones.



PLANNING

Identify Training Needs

- What are the primary training needs of the target audience?
- How do these needs align with state educational standards and goals?

Identify Your eLearning Development Team

- Will we be designing and developing this training in-house or will we need to hire an eLearning development team to support us?
- What do we need in a design and development team? Background in working with state or federal agencies? Capacity to design accessible training for adult learners? Expertise in the relevant subject areas? A portfolio demonstrating the quality and effectiveness of their previous work?

Identify Potential Partnerships

- Are there community organizations or industry partners that could enhance our resources or expertise?



DESIGN AND DEVELOPMENT

Review and Provide Feedback on Content Prototypes

- Do we have a designated subject matter expert to collaborate with the design and development partner for content development and storyboard reviews?
- Does our team have the capacity to review and provide feedback on storyboards and beta test modules?

Conduct Pilot Testing with Focus Group

- Who should be in the pilot group to represent our target audience?
- How will we communicate with the pilot group to ensure they are set up for user testing?



IMPLEMENTATION

Develop Marketing and Outreach Strategy

- What strategies will we use to communicate the availability and benefits of the training?
- How will we ensure buy-in from educators and/or staff members?
- What channels will we use for outreach?

Implement Modules and Support Rollout

- What training will leaders need to effectively support learners?
- What resources and support will we provide to help leaders manage the rollout?

- Who will be responsible for supporting learners who encounter issues accessing or completing the training?

Analyze and Use Learner Data

- Who will analyze the data collected from the LMS?
- What key metrics (e.g., learner engagement, assessment scores, time spent) are most important to us?

Plan for Sustainability and Maintenance

- How will we keep the training content current and relevant over time?
- What is the process for ongoing updates and maintenance?

eLearning can be a powerful tool for SEAs to effectively meet their training goals and support the diverse needs of busy educators. When designed, developed, and implemented effectively, eLearning can transform training content into engaging, impactful learning experiences. By considering various delivery methods, technical requirements, and best practices outlined in this guide, SEAs can ensure they leverage eLearning to its fullest potential, making a meaningful difference in educator development and student outcomes.



For expert guidance on leveraging eLearning to meet your state's needs, reach out to the Region 17 Comprehensive Center at Education Northwest.

The content of this document was developed under a grant from the Department of Education through the Office of Program and Grantee Support Services (PGSS) within the Office of Elementary and Secondary Education (OESE), by the Region 17 Comprehensive Center at Education Northwest under Award #S283B190033. This contains resources that are provided for the reader's convenience. These materials may contain the views and recommendations of various subject matter experts as well as hypertext links, contact addresses, and websites to information created and maintained by other public and private organizations. The U.S. Department of Education does not control or guarantee the accuracy, relevance, timeliness, or completeness of any outside information included in these materials. The views expressed herein do not necessarily represent the positions or policies of the U.S. Department of Education. No official endorsement by the U.S. Department of Education of any product, commodity, service, enterprise, curriculum, or program of instruction mentioned in this document is intended or should be inferred.