Intelitek LearnMate Courses

ACCESSIBILITY GUIDE

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1. Introduction

1.1. ABOUT THIS GUIDE

This guide aims to help teachers understand the accessibility features of Intelitek LearnMate e-learning courses. It also explains how these features make learning more inclusive and easier to access for all students, including those with disabilities.

1.2. WHAT IS ACCESSIBILITY IN E-LEARNING?

Accessibility in e-learning means designing online courses and tools so that all students, regardless of their abilities or disabilities, can use them. This includes features like screen reader compatibility, captions for videos, and easy-to-navigate layouts.

1.3. THE IMPORTANCE OF ACCESSIBILITY IN E-LEARNING

Accessibility ensures that every student has an equal opportunity to learn and succeed. It helps break down barriers for students with disabilities and makes education fair and inclusive for everyone.

1.4. ACCESSIBILITY GUIDELINES

1.4.1. What are Accessibility Guidelines?

E-learning accessibility standards are guidelines that help ensure online learning materials can be used by everyone, including people with disabilities. These standards focus on things like making content readable by screen readers, using clear text and visuals, providing captions for audio, and ensuring navigation is keyboard friendly.

1.4.2. Web Content Accessibility Guidelines

The Web Content Accessibility Guidelines (**WCAG**) are a set of international standards developed to make web content, including e-learning materials, accessible to people with disabilities. WCAG 2 standards are divided into four principles:

1. **Perceivable:** Content should be presented in ways that users can perceive, such as providing text alternatives for images or captions for videos.

2. **Operable:** Users should be able to navigate and interact with content using a keyboard or other assistive devices. Content should avoid features like flashing lights or animations that could trigger seizures.

3. **Understandable:** The interface and the information it presents must be clear and easy to understand. Navigation must be consistent, and the text must be readable.

4. **Robust:** Content should be compatible with various assistive technologies, such as screen readers.

WCAG 2 has three levels of compliance: A (basic accessibility), AA (addresses the biggest barriers for users), and AAA (the highest level of accessibility).

1.5. LEARNMATE

1.5.1. What is LearnMate?

Intelitek's LearnMate is an e-learning platform designed for technical and engineering education. It offers interactive courses and tools that allow students to learn at their own pace, while focusing on the skills they need for future careers in the manufacturing and related sectors.

1.5.2. Accessibility in LearnMate

The current version of LearnMate was developed with a strong emphasis on accessibility. The platform attempts to adhere to the WCAG 2.1 Level AA standards. See https://www.w3.org/TR/WCAG21/ for more information about the WCAG 2.1 standards.

2. Accessibility Features in LearnMate Courses

2.1. OVERVIEW

New LearnMate courses are developed in an attempt to adhere to WCAG 2.1 Level AA standards. This chapter discusses some of the accessibility features and how to access them when they are not available automatically.
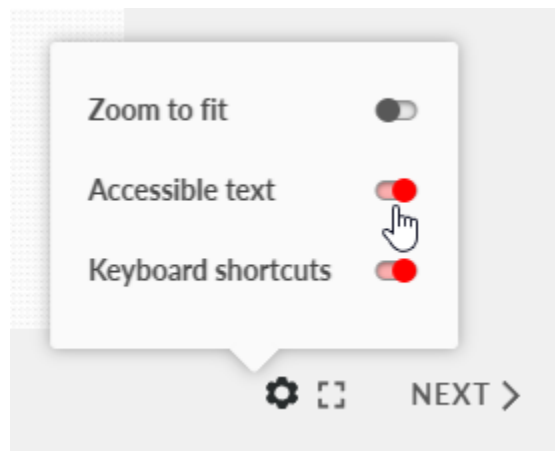
2.2. ACCESSIBILITY TEXT

Accessible text is text that can be easily read and understood by everyone, including individuals with disabilities. This includes ensuring the text is compatible with assistive technologies like screen readers. In addition, the text consists of clear and simple language and maintains sufficient contrast between the text and background for readability. Accessible text helps make information inclusive and usable for all learners.

In new Intelitek courses, text that is not immediately accessible for assistive technologies can be made accessible.

To make the text accessible for assistive technologies, such as screen readers:

1. Click the accessibility controls gear button at the bottom of the course player.

2. Toggling the **Accessible text** option on.

Additionally, accessible text can be toggled on or off using the keyboard shortcut Ctrl+Alt+T. See Section 2.3 below for additional keyboard shortcuts.

2.3. KEYBOARD SHORTCUTS

Newly released Intelitek courses offer the following keyboard shortcuts:

Action	Shortcut
Toggle zoom to fit	Ctrl+Alt+Z
Toggle accessible text	Ctrl+Alt+T
Mute/unmute audio	Ctrl+Alt+M
Toggle closed captions	Ctrl+Alt+C
Replay the slide	Ctrl+Alt+R
Play/pause	Ctrl+Alt+P
Previous slide	Ctrl+Alt+, (comma)
Next slide	Ctrl+Alt+. (period)
Submit slide	Ctrl+Alt+S
Toggle full-screen mode	Ctrl+Alt+F
Toggle background audio	Ctrl+Alt+A

ⓘ   ***Note:*** *Not all shortcuts are relevant or available for every slide of an activity or course.*