

Cengage WebAssign

Accessibility Conformance Report

WCAG Edition

(Based on VPAT[®] Version 2.4)



Name of Product/Version:

Cengage WebAssign Version: 194.1 (Release Date: 2021-03-24)

Report Date:

March 30, 2021

Product Description:

WebAssign is a digital learning platform designed to enrich the teaching and learning experience. WebAssign provides STEM content and tools (eBooks, homework assignments, quizzes and exams, multimedia activities, etc.) to provide instructors and students a personalized learning experience. Note: the instructor experience and all course materials created by content authors and displayed within WebAssign are not covered by this VPAT.

Contact Information:

For any questions about the accessibility of this application, please contact accessibility@cengage.com.

Evaluation Methods Used:

[Perkins Access](#), an independent accessibility consulting division of [Perkins School for the Blind](#), was contracted by [Cengage](#) to test the product and document their findings in this VPAT. Perkins Access accessibility consultants thoroughly reviewed the Cengage WebAssign application for conformance to the Web Content Accessibility Guidelines 2.1 Level A and Level AA using a variety of manual testing techniques, assistive technologies and the exclusive use of the keyboard to operate the product.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All non-text content found in the product that is presented to the user has a text alternative that serves the equivalent purpose.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	The product provides the ability for authors to include an alternative that presents equivalent information for prerecorded audio-only content and an alternative or an audio track that presents equivalent information for prerecorded video-only content.
1.2.2 Captions (Prerecorded) (Level A)	Supports	The product provides the ability for authors to include captions for prerecorded audio content in synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	The product provides the ability for authors to include text alternative transcripts for prerecorded video content in synchronized media.
1.3.1 Info and Relationships (Level A)	Supports	Information, structure, and relationships conveyed through presentation in the product can be programmatically determined or are available in text.
1.3.2 Meaningful Sequence (Level A)	Supports	When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions provided for understanding and operating the product do not rely solely on sensory characteristics such as shape, size, visual location, orientation, or sound.
1.4.1 Use of Color (Level A)	Supports	Color is not used in the product as the only visual means of conveying information, indicating an action,

		prompting a response, or distinguishing a visual element.
1.4.2 Audio Control (Level A)	Supports	The product does not have audio that plays automatically for more than 3 seconds that would require a mechanism to pause, stop or control the audio volume independently from the overall system volume level.
2.1.1 Keyboard (Level A)	Supports	All user interface controls are operable through a keyboard interface and do not require the use of a mouse.
2.1.2 No Keyboard Trap (Level A)	Supports	Focus can be moved away from all user interface controls when using only a keyboard interface.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	The product does not have keyboard shortcuts that are implemented using only a single letter, punctuation, number, or symbol character.
2.2.1 Timing Adjustable (Level A)	Supports	The product warns users before time expires, gives users at least 20 seconds to extend the time limit with a simple action and allows users to extend the time limit at least ten times.
2.2.2 Pause, Stop, Hide (Level A)	Supports	The product has a mechanism to pause, stop or hide information that updates automatically.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The product does not have flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	The product has at least one mechanism for bypassing blocks of repetitive content.
2.4.2 Page Titled (Level A)	Supports	The product has unique web page titles that describe each page's topic or purpose.
2.4.3 Focus Order (Level A)	Supports	All of the interactive components within the product

		receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of links in the product can be determined from the link text alone or from the link text together with its programmatically determined link context.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	The product does not rely on multipoint (such as pinch zoom) or path-based (such as swipe) gestures to operate.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Functionality that can be operated using a single pointer does not execute on a down event (such as tap down or click down).
2.5.3 Label in Name (Level A 2.1 only)	Supports	The product's user interface controls have accessible names / labels that contain the same text as the component's visible label, where applicable.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	The product does not include functionality that can be operated by device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	The default human language of each page in the product can be programmatically determined.
3.2.1 On Focus (Level A)	Supports	When user interface controls receive focus, they do not result in a change of context as defined by WCAG.
3.2.2 On Input (Level A)	Supports	When user interface controls in the product receive input, they do not initiate a change of context.
3.3.1 Error Identification (Level A)	Supports	If an input error is automatically detected in the product, the item that is in error is identified and the error is described to the user in text.
3.3.2 Labels or Instructions (Level A)	Supports	Sufficient labels or instructions are provided in the

		product when content requires user input.
4.1.1 Parsing (Level A)	Partially Supports	User agents, including assistive technologies, can accurately interpret and parse a large majority of the content in the product. However, the W3C markup validator identified duplicate id attributes on some pages in the product.
4.1.2 Name, Role, Value (Level A)	Supports	The name and role for user interface controls in the product can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	The product does not have live audio content in synchronized media that would require captions.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	The product provides the ability for authors to include audio descriptions for prerecorded video content in synchronized media.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Content in the product does not restrict its view and operation to a single display orientation, such as portrait or landscape.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Not Applicable	The product does not collect personal information about users that requires the purpose of each input field to be programmatically determined.

1.4.3 Contrast (Minimum) (Level AA)	Supports	The visual presentation of text and images of text has a contrast ratio of at least 4.5:1 with surrounding colors.
1.4.4 Resize text (Level AA)	Supports	Text can be resized 200 percent without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	The product uses machine-readable text to convey information rather than images of text.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	Content is presented without loss of information or functionality, and without requiring scrolling in two dimensions at a minimum width equivalent to 320 CSS pixels and at a minimum height equivalent to 256 CSS pixels, except on the Calendar, My Notes, Practice Another Version and Student Assignment Take pages. Using browser zoom on these pages may cause some content to fall off the side of the page with no way to access.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	The visual presentation of user interface components and graphical objects in the product have a contrast ratio of at least 3:1 with surrounding colors.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	No loss of content or functionality occurs by setting line spacing to at least 1.5 times the font size, spacing following paragraphs to at least 2 times the font size, letter spacing to at least 0.12 times the font size and word spacing to at least 0.16 times the font size.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Where the pointer hover or keyboard focus triggers additional content to become visible in the product, the new content is dismissible, hoverable and persistent.
2.4.5 Multiple Ways (Level AA)	Supports	The product provides more than one way to locate a specific Web page within a set of Web pages.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels that describe the topic or purpose

		of content and controls are present in the product.
2.4.7 Focus Visible (Level AA)	Supports	The keyboard focus indicator is visible on all user interface components within the product.
3.1.2 Language of Parts (Level AA)	Supports	The human language of each passage or phrase in the content within the product can be programmatically determined.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms that are repeated on multiple pages within the product occur in the same relative order each time they are repeated.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within the product are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	Suggestions are provided to the user if an input error is automatically detected and suggestions for correction are known.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	The product has a way to reverse changes to user-controllable data in data storage systems and has a way to review user test responses prior to submitting.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.

Legal Disclaimer

The information provided in this document is in good faith based on WebAssign at the time of the review and does not represent a legally-binding claim. Please contact us to report any accessibility errors or for re-evaluation and correction, if necessary.