**Voluntary Product Accessibility Template (VPAT) ® 2.3**

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| --- | --- |
| Project Name: | Blackboard Student Native iOS Application |
| Last Revision Date: | 15 November 2019 |
| Revision: | 1.0 |

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# Blackboard Student iOS Accessibility Conformance Report

**VPAT**® **2.3 Version 1.0**

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| --- | --- |
| **Name of product/version:** | **Blackboard Student iOS Application** |
| **Product description:** | **Native application** |
| **Date:** | **15 November 2019** |
| **Contact information** | **Elizabeth Simister, Product Accessibility Manager, elizabeth.simister@blackboard.com** |
| **Notes** |  |
| **Evaluation methods used:** | This conformance report is based on the results of an accessibility audit conducted by The Paciello Group on a representative sample of pages/components, for the purpose of assessing compliance with the Web Content Accessibility Guidelines (WCAG) 2.1.The following applications were used as part of the audit to identify potential accessibility issues:* Assistive technologies: iOS VoiceOver, external keyboard
* Accessibility testing tools: Colour Contrast Analyser (CCA), Color Contrast iOS
 |
| **Applicable standards/guidelines** | This report covers the degree of conformance for the following accessibility standards/guidelines:* [Web Content Accessibility Guidelines (WCAG) 2.1](https://www.w3.org/TR/WCAG/) Level A/AA.
* [Web Content Accessibility Guidelines (WCAG) 2.0](http://www.w3.org/TR/WCAG20) Level A/AA.
* [Revised Section 508](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines).
* [Standard EN 301 549](http://mandate376.standards.eu/standard).
 |

## Terminology

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 only be used in WCAG 2.1 Level AAA.

## Section 508 Chapter 1: Application and Administration

This accessibility conformance report is based on the [Revised 508 Standards](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines) which incorporates [WCAG 2.1](http://www.w3.org/TR/WCAG21) by reference.

## Section 508 Chapter 2: Scoping Requirements

As Blackboard Student is anative application, the following standards specifically apply:

* All Web Content Accessibility Guidelines (WCAG) 2.1 Level A and Level AA, available at <http://www.w3.org/TR/WCAG21>.
* Section 508 Chapter 3: Functional Performance Criteria (FPC).
* Section 508 Chapter 5: Software.
* Section 508 Chapter 6: Support Documentation and Services.

**Note:** When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](https://www.w3.org/TR/WCAG21/#conformance-reqs).

### WCAG 2.1 Report

#### Web Content Accessibility Guidelines (WCAG) 2.1, Level A

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) | Partially supports | The Blackboard Student application provides text alternatives for most non-text items, with some exceptions, including:* The Blackboard logo lacks a text representation.
* Images in course announcements, such as the diagram of chemical bonds, lack alternative text.
* Images posted in discussion threads lack alternative text.
 |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) | Supports | The Blackboard Student application does not natively contain audio and video content, but content creators may upload files with captions, audio description, and transcripts. |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) | Supports | The Blackboard Student application does not natively contain audio content, but content creators may upload prerecorded audio-only content with captions. |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) | Supports | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) | Partially supports | The Blackboard Student application correctly exposes most semantics, with the following exception:* Some examples of visually prominent text, which function as headings, are not exposed as headings.
 |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) | Partially supports | The correct reading sequence is meaningful throughout the Blackboard Student application, with the following exception:* Some course assignment grades are read in an incorrect order which does not match the logical order nor visual layout.
 |
| [**1.3.3 Sensory Characteristics**](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) | Supports | The Blackboard Student application does not rely on sensory characteristics for instructions. |
| [**1.4.1 Use of Color**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) | Partially supports | The Blackboard Student application does not rely on color alone to convey information, with the following exception:* In discussion threads, course announcements, and other course content, link text is distinguished through color alone. Link text has low color contrast with non-link text.
 |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) | Not applicable | The Blackboard Student application does not have audio content. |
| [**2.1.1 Keyboard**](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) | Partially supports | Most functionality is operable using the keyboard-alone in the Blackboard Student application, with the following exception:* Some links within course discussions and announcements are not focusable or actionable when using an external Bluetooth keyboard.
 |
| [**2.1.2 No Keyboard Trap**](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) | Supports | The Blackboard Student application does not cause a keyboard trap. |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (2.1 only) | Supports | The Blackboard Student application does not implement keyboard shortcuts. |
| [**2.2.1 Timing Adjustable**](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) | Supports | The Blackboard Student application does not have a timeout. |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) | Supports | The Blackboard Student application does not contain content that blinks, scrolls, or updates regularly. |
| [**2.3.1 Three Flashes or Below Threshold**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) | Supports | The Blackboard Student application does not have flashing content. |
| [**2.4.1 Bypass Blocks**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) | Not applicable |  |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) | Supports | The Blackboard Student application has unique and descriptive page titles for all screens. |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) | Supports | The Blackboard Student application has a meaningful and logical focus order. |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) | Not applicable | The Blackboard Student application does not include links. |
| [**2.5.1 Pointer Gestures**](https://www.w3.org/TR/WCAG21/#pointer-gestures) (2.1 only) | Partially Supports | The Blackboard Student application does not have any functionality that uses multipoint or path-based gestures for operation, with the following exception:* For assistive technology users, there are no interactive controls to move or scale the image for their profile avatar.
 |
| [**2.5.2 Pointer Cancellation**](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (2.1 only) | Supports | The Blackboard Student application has a method to abort all single pointer functionality. |
| [**2.5.3 Label in Name**](https://www.w3.org/TR/WCAG21/#label-in-name) (2.1 only) | Supports | All components with labels that include text or images of have a name that contains the text that is visually presented. |
| [**2.5.4 Motion Actuation**](https://www.w3.org/TR/WCAG21/#motion-actuation) (2.1 only) | Supports | The Blackboard Student application does not have any functionality that is operated by device motion. |
| [**3.1.1 Language of Page**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) | Not applicable |  |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) | Supports | The Blackboard Student application does not cause a change of context on focus. |
| [**3.2.2 On Input**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) | Supports | The Blackboard Student application does not cause an unexpected change of context when interacting with elements. |
| [**3.3.1 Error Identification**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) | Supports | If an input error is detected in the Blackboard Student application, the error is described to the user in text. |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) | Partially supports | The Blackboard Student application provides labels and instructions where necessary for form controls, with the following exception:* Some form fields rely on placeholder text as a label.
 |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) | Not applicable |  |
| [**4.1.2 Name, Role, Value**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most form controls, with some exceptions, including:* Navigation tabs are not exposed as buttons.
* Multiple answer choices are not exposed as buttons.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some examples of static content, such as calendar dates when no assignments are due, are incorrectly identified as interactive elements.
* Some user settings, such as controls to enable push notifications, are not exposed as buttons.
 |

#### Web Content Accessibility Guidelines (WCAG) 2.1, Level AA

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) | Not applicable | The Blackboard Student application does not have live audio content. |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) | Not applicable | The Blackboard Student application contains video content but none tested would require an audio description. |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#orientation) (2.1 only) | Does not support | The Blackboard Student application restricts its view and operation to a single display orientation. |
| [**1.3.5 Identify Input Purpose**](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (2.1 only) | Not applicable |  |
| [**1.4.3 Contrast (Minimum)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) | Partially supports | The Blackboard Student application has sufficient contrast between the foreground and background colors, with the following exception:* Certain text on the activity and course due date screens have insufficient contrast.
 |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) | Partially supports | Text is resizable throughout the Blackboard Student application without a loss of content or functionality, with the following exceptions:* Some content within discussion threads and course announcements does not honor text resizing.
* Text resizing causes some content to overlap.
 |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) | Supports | The Blackboard Student application does not contain images of text. |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#reflow) (2.1 only) | Not applicable |  |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast) (2.1 only) | Supports | The Blackboard Student application has sufficient contrast between the foreground and background colors on non-text elements. |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#text-spacing) (2.1 only) | Not applicable |  |
| [**1.4.13 Content on Hover or Focus**](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (2.1 only) | Supports | The Blackboard Student application does not have any additional content that is triggered by hover or keyboard focus. |
| [**2.4.5 Multiple Ways**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) | Not applicable |  |
| [**2.4.6 Headings and Labels**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) | Supports | Headings and labels are descriptive throughout the Blackboard Student application. |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) | Supports | The Blackboard Student application consistently provides a visible indication of focus. |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) | Not applicable | The Blackboard Student application does not contain changes in language. |
| [**3.2.3 Consistent Navigation**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) | Not applicable |  |
| [**3.2.4 Consistent Identification**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) | Not applicable |  |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) | Supports | The Blackboard Student application provides error suggestions to the user whenever an error is detected, and a correction is known. |
| [**3.3.4 Error Prevention (Legal, Financial, Data)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) | Not applicable | The Blackboard Student application does not have legal commitments or financial transaction. |
| [**4.1.3 Status Messages**](https://www.w3.org/TR/WCAG21/#status-messages)(2.1 only) | Partially supports | When new content is added to a screen in the Blackboard Student application the user is notified without interrupting their work, with the following exception: * Multiple choice quiz status updates about number of questions completed and time remaining to complete the quiz are not programmatically exposed to assistive technology.
 |

#### Web Content Accessibility Guidelines (WCAG) 2.1, Level AAA

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [**1.2.6 Sign Language (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-sign) (Level AAA) | Not evaluated |  |
| [**1.2.7 Extended Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-extended-ad) (Level AAA) | Not evaluated |  |
| [**1.2.8 Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-text-doc) (Level AAA) | Not evaluated |  |
| [**1.2.9 Audio-only (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-live-audio-only) (Level AAA) | Not evaluated |  |
| [**1.3.6 Identify Purpose**](https://www.w3.org/TR/WCAG21/#identify-purpose) (Level AAA 2.1 only) | Not evaluated |  |
| [**1.4.6 Contrast Enhanced**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast7) (Level AAA) | Not evaluated |  |
| [**1.4.7 Low or No Background Audio**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-noaudio) (Level AAA) | Not evaluated |  |
| [**1.4.8 Visual Presentation**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-visual-presentation) (Level AAA) | Not evaluated |  |
| [**1.4.9 Images of Text (No Exception) Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-images) (Level AAA) | Not evaluated |  |
| [**2.1.3 Keyboard (No Exception)**](http://www.w3.org/TR/WCAG20/#keyboard-operation-all-funcs) (Level AAA) | Not evaluated |  |
| [**2.2.3 No Timing**](http://www.w3.org/TR/WCAG20/#time-limits-no-exceptions) (Level AAA) | Not evaluated |  |
| [**2.2.4 Interruptions**](http://www.w3.org/TR/WCAG20/#time-limits-postponed) (Level AAA) | Not evaluated |  |
| [**2.2.5 Re-authenticating**](http://www.w3.org/TR/WCAG20/#time-limits-server-timeout) (Level AAA) | Not evaluated |  |
| [**2.2.6 Timeouts**](https://www.w3.org/TR/WCAG21/#timeouts) (Level AAA 2.1 only) | Not evaluated |  |
| [**2.3.2 Three Flashes**](http://www.w3.org/TR/WCAG20/#seizure-three-times) (Level AAA) | Not evaluated |  |
| [**2.3.3 Animation from Interactions**](https://www.w3.org/TR/WCAG21/#animation-from-interactions) (Level AAA 2.1 only) | Not evaluated |  |
| [**2.4.8 Location**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-location) (Level AAA) | Not evaluated |  |
| [**2.4.9 Link Purpose (Link Only)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-link) (Level AAA) | Not evaluated |  |
| [**2.4.10 Section Headings**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-headings) (Level AAA) | Not evaluated |  |
| [**2.5.5 Target Size**](https://www.w3.org/TR/WCAG21/#target-size) (Level AAA 2.1 only) | Not evaluated |  |
| [**2.5.6 Concurrent Input Mechanisms**](https://www.w3.org/TR/WCAG21/#concurrent-input-mechanisms) (Level AAA 2.1 only) | Not evaluated |  |
| [**3.1.3 Unusual Words**](http://www.w3.org/TR/WCAG20/#meaning-idioms) (Level AAA) | Not evaluated |  |
| [**3.1.4 Abbreviations**](http://www.w3.org/TR/WCAG20/#meaning-located) (Level AAA) | Not evaluated |  |
| [**3.1.5 Reading Level**](http://www.w3.org/TR/WCAG20/#meaning-supplements) (Level AAA) | Not evaluated |  |
| [**3.1.6 Pronunciation**](http://www.w3.org/TR/WCAG20/#meaning-pronunciation) (Level AAA) | Not evaluated |  |
| [**3.2.5 Change on Request**](http://www.w3.org/TR/WCAG20/#consistent-behavior-no-extreme-changes-context) (Level AAA) | Not evaluated |  |
| [**3.3.5 Help**](http://www.w3.org/TR/WCAG20/#minimize-error-context-help) (Level AAA) | Not evaluated |  |
| [**3.3.6 Error Prevention (All)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible-all) (Level AAA) | Not evaluated |  |

## Section 508 Chapter 3: Functional Performance Criteria (FPC)

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 302.1Without Vision | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements. Some images lack alternative text. |
| 302.2 With Limited Vision | Partially supports | The Blackboard Student application can be used with limited vision, with a few instances of insufficient color contrast and problems with text resizing, including:* Certain text on the activity and course due date screens have insufficient contrast.
* Some content within discussion threads and course announcements does not honor text resizing.
* Text resizing causes some content to overlap.
 |
| 302.3Without Perception of Color | Partially supports | The Blackboard Student application can be used without color perception, with the following exceptions:* In some course content, link text is indicated exclusively by its contrast in color from regular text. Due to this low color contrast, it may be hard for colorblind users to distinguish which text is interactive.
 |
| 302.4Without Hearing | Supports |  |
| 302.5With Limited Hearing | Supports |  |
| 302.6Without Speech | Supports |  |
| 302.7With Limited Manipulation | Supports |  |
| 302.8With Limited Reach and Strength | Supports |  |
| 302.9With Limited Language, Cognitive, and Learning Abilities | Supports |  |

## Section 508 Chapter 4: Hardware

Notes: Blackboard Student is not a hardware product.

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 402 Closed Functionality |  |  |
| *402.1 General* |  |  |
| *402.2 Speech-Output Enabled* |  |  |
| 402.2.1 Information Displayed On-Screen | Not applicable |  |
| 402.2.2 Transactional Outputs | Not applicable |  |
| 402.2.3 Speech Delivery Type and Coordination | Not applicable |  |
| 402.2.4 User Control | Not applicable |  |
| 402.2.5 Braille Instructions | Not applicable |  |
| *402.3 Volume* |  |  |
| 402.3.1 Private Listening | Not applicable |  |
| 402.3.2 Non-private Listening | Not applicable |  |
| 402.4 Characters on Display Screens | Not applicable |  |
| 402.5 Characters on Variable Message Signs | Not applicable |  |
| 403 Biometrics |  |  |
| 403.1 General | Not applicable |  |
| 404 Preservation of Information Provided for Accessibility |  |  |
| 404.1 General | Not applicable |  |
| 405 Privacy |  |  |
| 405.1 General | Not applicable |  |
| 406 Standard Connections |  |  |
| 406.1 General | Not applicable |  |
| 407 Operable Parts |  |  |
| 407.2 Contrast | Not applicable |  |
| *407.3 Input Controls* |  |  |
| 407.3.1 Tactilely Discernible | Not applicable |  |
| 407.3.2 Alphabetic Keys | Not applicable |  |
| 407.3.3 Numeric Keys | Not applicable |  |
| 407.4 Key Repeat | Not applicable |  |
| 407.5 Timed Response | Not applicable |  |
| 407.6 Operation | Not applicable |  |
| 407.7 Tickets, Fare Cards, and Keycards | Not applicable |  |
| *407.8 Reach, Height and Depth* |  |  |
| 407.8.1 Vertical Reference Plane | Not applicable |  |
| 407.8.1.1 Vertical Plane for Side Reach | Not applicable |  |
| 407.8.1.2 Vertical Plane for Forward Reach | Not applicable |  |
| 407.8.2 Side Reach | Not applicable |  |
| 407.8.2.1 Unobstructed Side Reach | Not applicable |  |
| 407.8.2.2 Obstructed Side Reach | Not applicable |  |
| 407.8.3 Forward Reach | Not applicable |  |
| 407.8.3.1 Unobstructed Forward Reach | Not applicable |  |
| 407.8.3.2 Obstructed Forward Reach | Not applicable |  |
| 407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach | Not applicable |  |
| 407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach | Not applicable |  |
| 408 Display Screens |  |  |
| 408.2 Visibility | Not applicable |  |
| 408.3 Flashing | Not applicable |  |
| 409 Status Indicators |  |  |
| 409.1 General | Not applicable |  |
| 410 Color Coding |  |  |
| 410.1 General | Not applicable |  |
| 411 Audible Signals |  |  |
| 411.1 General | Not applicable |  |
| 412 ICT with Two-Way Voice Communication |  |  |
| *412.2 Volume Gain* |  |  |
| 412.2.1 Volume Gain for Wireline Telephones | Not applicable |  |
| 412.2.2 Volume Gain for Non-Wireline ICT | Not applicable |  |
| *412. 3 Interference Reduction and Magnetic Coupling* |  |  |
| 412.3.1 Wireless Handsets | Not applicable |  |
| 412.3.2 Wireline Handsets | Not applicable |  |
| 412.4 Digital Encoding of Speech | Not applicable |  |
| 412.5 Real-Time Text Functionality | Not applicable |  |
| 412.6 Caller ID | Not applicable |  |
| 412.7 Video Communication | Not applicable |  |
| 413 Closed Caption Processing Technologies |  |  |
| 413.1.1 Decoding and Display of Closed Captions | Not applicable |  |
| 413.1.2 Pass-Through of Closed Caption Data | Not applicable |  |
| 414 Audio Description Processing Technologies |  |  |
| 414.1.1 Digital Television Tuners | Not applicable |  |
| 414.1.2 Other ICT | Not applicable |  |
| 415 User Controls for Captions and Audio Descriptions |  |  |
| 415.1.1 Caption Controls | Not applicable |  |
| 415.1.2 Audio Description Controls | Not applicable |  |

## Section 508 Chapter 5: Software

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| **501.1 Scope – Incorporation of WCAG 2.0 AA** | Refer to the WCAG 2.0 section. | Refer to the WCAG 2.0 section. |
| **502 Interoperability with Assistive Technology** |  |  |
| 502.2.1 User Control of Accessibility Features | Supports |  |
| 502.2.2 No Disruption of Accessibility Features | Supports |  |
| *502.3 Accessibility Services* |  |  |
| 502.3.1 Object Information | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements, with the following exceptions:* Navigation tabs are not exposed as buttons.
* Multiple answer choices are not exposed as buttons.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some examples of static content, such as calendar dates when no assignments are due, are incorrectly identified as interactive elements.
* Some user settings, such as controls to enable push notifications, are not exposed as buttons.
* Options on how to display media file within an assignment attempt are not exposed as buttons and do not indicate which option is selected.
 |
| 502.3.2 Modification of Object Information | Supports |  |
| 502.3.3 Row, Column, and Headers | Supports |  |
| 502.3.4 Values | Supports |  |
| 502.3.5 Modification of Values | Supports |  |
| 502.3.6 Label Relationships | Supports |  |
| 502.3.7 Hierarchical Relationships | Supports |  |
| 502.3.8 Text | Supports |  |
| 502.3.9 Modification of Text | Supports |  |
| 502.3.10 List of Actions | Supports |  |
| 502.3.11 Actions on Objects | Partially Supports | The Blackboard Student application contains functionality, most of which can be accesses via assistive technology, with the following exception:* Some links in course content cannot be identified or activated via assistive technology.
 |
| 502.3.12 Focus Cursor | Supports | The Blackboard Student application a provides a consistent visible indication of focus. |
| 502.3.13 Modification of Focus Cursor | Supports |  |
| 502.3.14 Event Notification | Supports |  |
| 502.4 Platform Accessibility Features | Supports |  |
| **503 Applications** |  |  |
| 503.2 User Preferences | Supports |  |
| 503.3 Alternative User Interfaces | Supports |  |
| *503.4 User Controls for Captions and Audio Description* |  |  |
| 503.4.1 Caption Controls | Supports |  |
| 503.4.2 Audio Description Controls | Not applicable | The Blackboard Student application does not contain any content that requires audio description. |
| **504 Authoring Tools** |  |  |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | Not applicable |  |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not applicable |  |
| 504.2.2 PDF Export | Not applicable |  |
| 504.3 Prompts | Not applicable |  |
| 504.4 Templates | Not applicable |  |

## Section 508 Chapter 6: Support Documentation and Services

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 601.1 Scope |  |  |
| 602 Support Documentation |  |  |
| 602.2 Accessibility and Compatibility Features | Supports |  |
| 602.3 Electronic Support Documentation | Supports |  |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Not applicable |  |
| 603 Support Services |  |  |
| 603.2 Information on Accessibility and Compatibility Features | Not applicable | The Blackboard Student application does not offer support services. |
| 603.3 Accommodation of Communication Needs | Not applicable | The Blackboard Student application does not offer support services. |

## Standard EN 301 549

### EN 301 549 Chapter 4: Functional Performance Statements

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 4.2.1 Usage without vision | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements, with the following exceptions:* Some navigational elements lack a semantic role.
* Multiple answer choice quiz does notify assistive technology of dynamic updates to text about number of questions completed and amount of time remaining in the quiz.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some examples of static content, such as calendar dates when no assignments are due, are incorrectly identified as interactive elements.
* Some user settings, such as controls to enable push notifications, are not exposed as buttons.
* Options on how to display media file within an assignment attempt are not exposed as buttons and do not indicate which option is selected.
 |
| 4.2.2 Usage with limited vision | Partially supports | The Blackboard Student application can be used with limited vision, with a few instances of insufficient color contrast and problems with text resizing, including:* Certain text on the activity and course due date screens have insufficient contrast.
* Some content within discussion threads and course announcements does not honor text resizing.
* Text resizing causes some content to overlap.
 |
| 4.2.3 Usage without perception of color | Partially supports | The Blackboard Student application can be used without color perception, with the following exceptions:* In some course content, link text is indicated exclusively by its contrast in color from regular text. Due to this low color contrast, it may be hard for colorblind users to distinguish which text is interactive.
 |
| 4.2.4 Usage without hearing | Supports |  |
| 4.2.5 Usage with limited hearing | Supports |  |
| 4.2.6 Usage without vocal capability | Supports |  |
| 4.2.7 Usage with limited manipulation or strength | Supports |  |
| 4.2.8 Usage with limited reach | Supports |  |
| 4.2.9 Minimize photosensitive seizure triggers | Supports |  |
| 4.2.10 Usage with limited cognition | Supports |  |

### EN 301 549 Functional Accessible Requirements: 5 Generic Requirements

Notes: The Blackboard Student application does not contain functionality limited by characteristics that prevents a user from attaching, installing, or using assistive technology.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 5.1 Closed functionality |  |  |
| 5.1.1 Introduction (informative) |  |  |
| 5.1.2 General |  |  |
| 5.1.2.1 Closed functionality | Not applicable |  |
| 5.1.2.2 Assistive technology | Not applicable |  |
| 5.1.3 Non-visual access |  |  |
| 5.1.3.1 General | Not applicable |  |
| 5.1.3.2 Auditory output delivery including speech | Not applicable |  |
| 5.1.3.3 Auditory output correlation | Not applicable |  |
| 5.1.3.4 Speech output user control | Not applicable |  |
| 5.1.3.5 Speech output automatic interruption | Not applicable |  |
| 5.1.3.6 Speech output for non-text content | Not applicable |  |
| 5.1.3.7 Speech output for video information | Not applicable |  |
| 5.1.3.8 Masked entry | Not applicable |  |
| 5.1.3.9 Private access to personal data | Not applicable |  |
| 5.1.3.10 Non-interfering audio output | Not applicable |  |
| 5.1.3.11 Private listening volume | Not applicable |  |
| 5.1.3.12 Speaker volume | Not applicable |  |
| 5.1.3.13 Volume reset | Not applicable |  |
| 5.1.3.14 Spoken languages | Not applicable |  |
| 5.1.3.15 Non-visual error identification | Not applicable |  |
| 5.1.3.16 Receipts, tickets and transactional outputs | Not applicable |  |
| 5.1.4 Functionality closed to text enlargement | Not applicable |  |
| 5.1.5 Visual output for auditory information | Not applicable |  |
| 5.1.6 Operation without keyboard interface |  |  |
| 5.1.6.1 Closed functionality | Not applicable |  |
| 5.1.6.2 Input focus | Not applicable |  |
| 5.2 Activation of accessibility features | Not applicable |  |
| 5.3 Biometrics | Not applicable |  |
| 5.4 Preservation of accessibility information during conversation | Not applicable |  |
| 5.5 Operable parts |  |  |
| 5.5.1 Means of operation | Not applicable |  |
| 5.5.2 Operable parts discernibility | Not applicable |  |
| 5.6 Locking or toggle controls |  |  |
| 5.6.1 Tactile or auditory status | Not applicable |  |
| 5.6.2 Visual status | Not applicable |  |
| 5.7 Key repeat | Not applicable |  |
| 5.8 Double-strike key acceptance | Not applicable |  |
| 5.9 Simultaneous user actions  | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 6 ICT with two-way voice communication

Notes: The Blackboard Student application does not contain functionality relating to, nor does it require/rely on, two-way voice communication.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 6.1 Audio bandwidth for speech (informative recommendation) | Not applicable |  |
| 6.2 Real-time Text (RTT) functionality |  |  |
| 6.2.1 RTT provision |  |  |
| 6.2.1.1 RTT communication  | Not applicable |  |
| 6.2.1.2 Concurrent voice and text | Not applicable |  |
| 6.2.2 Display of Real-time text |  |  |
| 6.2.2.1 Visually distinguishable display | Not applicable |  |
| 6.2.2.2 Programmatically determinable send and receive direction | Not applicable |  |
| 6.2.3 Interoperability | Not applicable |  |
| 6.2.4 Real-time text responsiveness | Not applicable |  |
| 6.3 Caller ID | Not applicable |  |
| 6.4 Alternatives to voice-based services | Not applicable |  |
| 6.5 Video communication |  |  |
| 6.5.1 General (informative) | Not applicable |  |
| 6.5.2 Resolution | Not applicable |  |
| 6.5.3 Frame rate | Not applicable |  |
| 6.5.4 Synchronization between audio and video | Not applicable |  |
| 6.6 Alternatives to video-based services | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 7 ICT with video capabilities

Notes: The Blackboard Student application does not natively provide video capabilities.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 7.1 Caption processing technology |  |  |
| 7.1.1 Captioning playback | Not applicable |  |
| 7.1.2 Captioning synchronization | Not applicable |  |
| 7.1.3 Preservation of captioning | Not applicable |  |
| 7.2 Audio description technology |  |  |
| 7.2.1 Audio description playback | Not applicable |  |
| 7.2.2 Audio description synchronization | Not applicable |  |
| 7.2.3 Preservation of audio description | Not applicable |  |
| 7.3 User controls for captions and audio description | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 8 Hardware

Notes: The Blackboard Student application is not a hardware product.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 8.1 General |  |  |
| 8.1.1. Generic requirements |  |  |
| 8.1.2 Standard connections | Not applicable |  |
| 8.1.3 Color | Not applicable |  |
| 8.2 Hardware products with speech output |  |  |
| 8.2.1 Speech volume gain |  |  |
| 8.2.1.1 Speech volume range | Not applicable |  |
| 8.2.1.2 Incremental volume control | Not applicable |  |
| 8.2.2 Magnetic coupling |  |  |
| 8.2.2.1 Fixed-line devices | Not applicable |  |
| 8.2.2.2 Wireless communication devices | Not applicable |  |
| 8.3 Physical access to ICT |  |  |
| 8.3.1 General (informative) | Not applicable |  |
| 8.3.2 Clear floor or ground space |  |  |
| 8.3.2.1 Change in level | Not applicable |  |
| 8.3.2.2 Clear floor or ground space | Not applicable |  |
| 8.3.2.3 Approach |  |  |
| 8.3.2.3.1 General | Not applicable |  |
| 8.3.2.3.2 Forward approach | Not applicable |  |
| 8.3.2.3.3 Parallel approach | Not applicable |  |
| 8.3.2.4 Knee and toe clearance width | Not applicable |  |
| 8.3.2.5 Toe clearance | Not applicable |  |
| 8.3.2.6 Knee clearance | Not applicable |  |
| 8.3.3 Reach range for ICT |  |  |
| 8.3.3.1 Forward reach |  |  |
| 8.3.3.1.1 Unobstructed high forward reach | Not applicable |  |
| 8.3.3.1.2 Unobstructed low forward reach | Not applicable |  |
| 8.3.3.1.3 Outward reach |  |  |
| 8.3.3.1.3.1 Clear floor space | Not applicable |  |
| 8.3.3.1.3.2 Obstructed (< 510 mm) forward reach | Not applicable |  |
| 8.3.3.1.3.3 Obstructed (< 635 mm) forward reach | Not applicable |  |
| 8.3.3.2 Side reach |  |  |
| 8.3.3.2.1 Unobstructed high side reach | Not applicable |  |
| 8.3.3.2.2 Unobstructed low side reach | Not applicable |  |
| 8.3.3.2.3 Obstructed side reach |  |  |
| 8.3.3.2.3.1 Obstructed (<= 255 mm) side reach | Not applicable |  |
| 8.3.3.2.3.2 Obstructed (<= 610 mm) side reach | Not applicable |  |
| 8.3.4 Visibility | Not applicable |  |
| 8.3.5 Installation instructions | Not applicable |  |
| 8.4 Mechanically operable parts |  |  |
| 8.4.1 Numeric keys | Not applicable |  |
| 8.4.2 Operation of mechanical parts |  |  |
| 8.4.2.1 Means of operation of mechanical parts | Not applicable |  |
| 8.4.2.2 Force of operation of mechanical parts | Not applicable |  |
| 8.4.3 Keys, tickets and fare cards | Not applicable |  |
| 8.5 Tactile indication of speech mode | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 9 Web

Notes: The Blackboard Student Application is not a Web product

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 9.1 General (Informative) |  |  |
| 9.2 Web content requirements |  |  |
| 9.2.1 Non-text Content | Not applicable |  |
| 9.2.2 Audio-only and Video-only (Prerecorded) | Not applicable |  |
| 9.2.3 Captions (Prerecorded)  | Not applicable |  |
| 9.2.4 Audio Description or Media Alternative (Prerecorded)  | Not applicable |  |
| 9.2.5 Captions (Live) | Not applicable |  |
| 9.2.6 Audio description (prerecorded) | Not applicable |  |
| 9.2.7 Info and Relationships  | Not applicable |  |
| 9.2.8 Meaningful Sequence  | Not applicable |  |
| 9.2.9 Sensory Characteristics  | Not applicable |  |
| 9.2.10 Use of Color  | Not applicable |  |
| 9.2.11 Audio Control  | Not applicable |  |
| 9.2.12 Contrast (minimum) | Not applicable |  |
| 9.2.13 Resize text | Not applicable |  |
| 9.2.14 Images of text | Not applicable |  |
| 9.2.15 Keyboard | Not applicable |  |
| 9.2.16 No Keyboard Trap  | Not applicable |  |
| 9.2.17 Timing Adjustable | Not applicable |  |
| 9.2.18 Pause, stop, hide | Not applicable |  |
| 9.2.19 Three flashes or below threshold | Not applicable |  |
| 9.2.20 Bypass Blocks | Not applicable |  |
| 9.2.21 Page Titled | Not applicable |  |
| 9.2.22 Focus Order | Not applicable |  |
| 9.2.23 Link Purpose (In Context) | Not applicable |  |
| 9.2.24 Multiple Ways | Not applicable |  |
| 9.2.25 Headings and Labels | Not applicable |  |
| 9.2.26 Focus Visible | Not applicable |  |
| 9.2.27 Language of Page | Not applicable |  |
| 9.2.28 Language of Parts | Not applicable |  |
| 9.2.29 On Focus | Not applicable |  |
| 9.2.30 On Input | Not applicable |  |
| 9.2.31 Consistent Navigation | Not applicable |  |
| 9.2.32 Consistent Identification | Not applicable |  |
| 9.2.33 Error Identification | Not applicable |  |
| 9.2.34 Labels or Instructions  | Not applicable |  |
| 9.2.35 Error Suggestion | Not applicable |  |
| 9.2.36 Error Prevention (Legal, Financial, Data) | Not applicable |  |
| 9.2.37 Parsing | Not applicable |  |
| 9.2.38 Name, role, value  | Not applicable |  |
| 9.3 WCAG 2.0 Conformance requirements | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 10 Non-web documents

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 10.1 General (Informative) |  |  |
| 10.2 Document success criteria |  |  |
| 10.2.1 Non-text Content | Partially supports | The Blackboard Student application provides text alternatives for most non-text items, with the following exception:* Some images have incomplete or incorrect text alternatives.
 |
| 10.2.2 Audio-only and Video-only (Prerecorded) | Supports | The Blackboard Student application does not natively contain audio and video content, but content creators may upload files with captions, audio description, and transcripts. |
| 10.2.3 Captions (Prerecorded)  | Supports | The Blackboard Student application does not natively contain audio content, but content creators may upload prerecorded audio-only content with captions. |
| 10.2.4 Audio Description or Media Alternative (Prerecorded)  | Supports | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 10.2.5 Captions (Live) | Supports | The Blackboard Student application does not natively contain live audio content. |
| 10.2.6 Audio description (prerecorded) | Supports | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 10.2.7 Info and Relationships  | Partially supports | The Blackboard Student application exposes most semantics, with the following exception:* Some headings are not exposed as headings.
 |
| 10.2.8 Meaningful Sequence  | Partially supports | The correct reading sequence is meaningful throughout the Blackboard Student application, with the following exception:* Some course assignment grades are read in an incorrect order which does not match the logical order nor visual layout.
 |
| 10.2.9 Sensory Characteristics  | Supports | The Blackboard Student application does not rely on sensory characteristics for instructions. |
| 10.2.10 Use of Color  | Partially supports | The Blackboard Student application does not rely on color-alone to convey information, with the following exception:* In discussion threads, course announcements, and other course content, link text is distinguished through color alone. Link text has low color contrast with non-link text.
 |
| 10.2.11 Audio Control  | Not applicable | The Blackboard Student application does not have audio content. |
| 10.2.12 Contrast (minimum) | Partially supports | The Blackboard Student application has sufficient contrast between the foreground and background colors on text and non-text elements, with some exceptions, including:* Certain text on the activity and course due date screens have insufficient contrast.
 |
| 10.2.13 Resize text | Supports | Text is resizable throughout the Blackboard Student application without a loss of content or functionality, with the following exception:* Some course content and discussion threads do not honor text resizing.
 |
| 10.2.14 Images of text | Supports | The Blackboard Student application does not contain images of text. |
| 10.2.15 Keyboard | Partially supports | Most functionality is operable using the keyboard-alone in the Blackboard Student application, with the following exception:* Some links within course content are not focusable or actionable when using an external Bluetooth keyboard.
 |
| 10.2.16 No Keyboard Trap  | Supports | The Blackboard Student application does not cause a keyboard trap. |
| 10.2.17 Timing Adjustable | Supports | The Blackboard Student application does not have a timeout. |
| 10.2.18 Pause, stop, hide | Supports | The Blackboard Student application does not contain content that blinks, scrolls, or updates regularly. |
| 10.2.19 Three flashes or below threshold | Supports | The Blackboard Student application does not have flashing content. |
| 10.2.20 Empty clause |  |  |
| 10.2.21 Document titled | Supports | The Blackboard Student application has unique and descriptive page titles for all screens. |
| 10.2.22 Focus Order | Partially supports | The Blackboard Student application has a meaningful focus order, with the following exception:* When closing certain modal dialogs focus does not return to the control that opened the dialog.
 |
| 10.2.23 Link Purpose (In Context) | Not applicable | The Blackboard Student application does not include links. |
| 10.2.24 Empty clause |  |  |
| 10.2.25 Headings and Labels | Supports | Headings and labels are descriptive throughout the Blackboard Student application. |
| 10.2.26 Focus Visible | Partially supports | The Blackboard Student application has a visible indication of focus throughout, with the following exception:* Several screens have controls that do not change appearance when they receive focus using an external Bluetooth keyboard.
 |
| 10.2.27 Language of Page | Not applicable |  |
| 10.2.28 Language of Parts | Not applicable | The Blackboard Student application does not contain changes in language. |
| 10.2.29 On Focus | Supports | The Blackboard Student application does not cause a change of context on focus. |
| 10.2.30 On Input | Supports | The Blackboard Student application does not cause an unexpected change of context when interacting with elements. |
| 10.2.31 Empty clause |  |  |
| 10.2.32 Empty clause |  |  |
| 10.2.33 Error Identification | Supports | If an input error is detected in the Blackboard Student application, the error is described to the user in text. |
| 10.2.34 Labels or Instructions  | Partially supports | The Blackboard Student application provides labels and instructions where necessary for form controls, with the following exception:* Some form fields rely on placeholder text as a label.
 |
| 10.2.35 Error Suggestion | Not applicable | The Blackboard Student application provides error suggestions to the user whenever an error is detected, and a correction is known. |
| 10.2.36 Error Prevention (Legal, Financial, Data) | Not applicable | The Blackboard Student application does not have legal commitments or financial transaction. |
| 10.2.37 Parsing | Not applicable |  |
| 10.2.38 Name, role, value  | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interactive controls, with some exceptions, including:* Navigation tabs are not exposed as buttons.
* Multiple answer choices are not exposed as buttons.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some user settings are not exposed as buttons.
 |
| 10.2.39 Caption positioning | Supports | The Blackboard Student application does not natively contain audio content. |
| 10.2.40 Audio description timing | Supports | The Blackboard Student application does not natively contain video content. |

### EN 301 549 Functional Accessible Requirements: 11 Software

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 11.1 General (Informative) |  |  |
| 11.2 Non-Web software success criteria |  |  |
| 11.2.1 Non-Web software success criteria (excluding closed functionality) |  |  |
| 11.2.1.1 Non-text Content (screen reader supported) | Partially supports | The Blackboard Student application provides text alternatives for most non-text items, with the following exception:* The Blackboard logo lacks a text representation.
* Images in course announcements, such as the diagram of chemical bonds, lack alternative text.
* Images posted in discussion threads lack alternative text.
 |
| 11.2.1.2 Audio-only and Video-only (Prerecorded) | Supports | The Blackboard Student application does not natively contain audio content, but content creators may upload prerecorded audio-only content with captions. |
| 11.2.1.3 Captions (Prerecorded)  | Not applicable | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 11.2.1.4 Audio Description or Media Alternative (Prerecorded)  | Not applicable | A representative sample of video content within the Blackboard Student did not identify any content which required an audio description. Content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 11.2.1.5 Captions (Live) | Not applicable | The Blackboard Student application does not natively contain live audio content. |
| 11.2.1.6 Audio description (prerecorded) | Not applicable | A representative sample of the Blackboard Student application did not contain any video content which required an audio description. Content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 11.2.1.7 Info and Relationships  | Not applicable | The Blackboard Student application correctly exposes most semantics, with the following exception:the following exception:* Some examples of visually prominent text, which function as headings, are not exposed as headings.
 |
| 11.2.1.8 Meaningful Sequence  | Partially supports | The correct reading sequence is meaningful throughout the Blackboard Student application, with the following exception:* Some course assignment grades are read in an incorrect order which does not match the logical order nor visual layout.
 |
| 11.2.1.9 Sensory Characteristics  | Not applicable | The Blackboard Student application does not rely on sensory characteristics for instructions. |
| 11.2.1.10 Use of Color  | Partially supports | he Blackboard Student application does not rely on color-alone to convey information, with the following exception:In discussion threads, course announcements, and other course content, link text is distinguished through color alone. Link text has low color contrast with non-link text. |
| 11.2.1.11 Audio Control  | Not applicable | The Blackboard Student application does not have audio content. |
| 11.2.1.12 Contrast (minimum) | Partially supports | The Blackboard Student application has sufficient contrast between the foreground and background colors, with the following exception:* Certain text on the activity and course due date screens have insufficient contrast.
 |
| 11.2.1.13 Resize text | Partially supports | When larger text size is enabled in iOS, some course content and discussion threads do not resize properly. |
| 11.2.1.14 Images of text | Not applicable | The Blackboard Student application does not contain images of text. |
| 11.2.1.15 Keyboard | Not applicable | Most functionality is operable using exclusively the keyboard in the Blackboard Student application, with the following exception:* Some links within course discussions and announcements are not focusable or actionable when using an external Bluetooth keyboard.
 |
| 11.2.1.16 No Keyboard Trap  | Supports | The Blackboard Student application does not cause a keyboard trap.  |
| 11.2.1.17 Timing Adjustable | Supports | The Blackboard Student application does not have a timeout. |
| 11.2.1.18 Pause, stop, hide | Supports | The Blackboard Student application does not contain content that blinks, scrolls, or updates regularly. |
| 11.2.1.19 Three flashes or below threshold | Supports | The Blackboard Student application does not have flashing content. |
| 11.2.1.20 Empty clause |  |  |
| 11.2.1.21 Empty clause |  |  |
| 11.2.1.22 Focus Order | Supports | The Blackboard Student application has a meaningful and logical focus order. |
| 11.2.1.23 Link Purpose (In Context) | Supports | The Blackboard Student application does not include any links in which the purpose of the link cannot be determined from the link text alone or programmatically in context. |
| 11.2.1.24 Empty clause |  |  |
| 11.2.1.25 Headings and Labels | Supports | The Blackboard Student application has descriptive headings and labels. |
| 11.2.1.26 Focus Visible | Supports | The Blackboard Student application consistently provides a visible indication of focus. |
| 11.2.1.27 Language of Software | Not applicable |  |
| 11.2.1.28 Empty clause |  |  |
| 11.2.1.29 On Focus | Supports | The Blackboard Student application does not cause a change of context on focus. |
| 11.2.1.30 On Input | Supports | The Blackboard Student application does not cause an unexpected change of context when interacting with elements. |
| 11.2.1.31 Empty clause |  |  |
| 11.2.1.32 Empty clause |  |  |
| 11.2.1.33 Error Identification | Supports | When an input error is detected in the Blackboard Student application, the error is described to the user in text. |
| 11.2.1.34 Labels or Instructions  | Partially supports | The Blackboard Student application provides labels and instructions where necessary for form controls, with the following exception:* Some form fields rely on placeholder text as a label.
 |
| 11.2.1.35 Error Suggestion | Not applicable | The Blackboard Student application provides error suggestions to the user whenever an error is detected, and a correction is known. |
| 11.2.1.36 Error Prevention (Legal, Financial, Data) | Not applicable | The Blackboard Student application does not have legal commitments or financial transactions. |
| 11.2.1.37 Parsing | Not applicable |  |
| 11.2.1.38 Name, role, value  | Not applicable | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements, with the following exceptions:* Navigation tabs are not exposed as buttons.
* Multiple answer choices are not exposed as buttons.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some examples of static content, such as calendar dates when no assignments are due, are incorrectly identified as interactive elements.
* Some user settings, such as controls to enable push notifications, are not exposed as buttons.
* Options on how to display media file within an assignment attempt are not exposed as buttons and do not indicate which option is selected.
 |
| 11.2.2 Non-Web software success criteria (closed functionality) |  |  |
| 11.2.2.1 Non-text Content (screen reader supported) | Not applicable | The Blackboard Student application provides text alternatives for most non-text items, with the following exception:* The Blackboard logo lacks a text representation.
* Images in course announcements, such as the diagram of chemical bonds, lack alternative text.
* Images posted in discussion threads lack alternative text.
 |
| 11.2.2.2 Audio-only and video-only (pre-recorded) |  |  |
| 11.2.2.2.1 Pre-recorded audio-only | Supports | The Blackboard Student application does not natively contain audio content, but content creators may upload files with captions, audio description, and transcripts. |
| 11.2.2.2.2 Pre-recorded video-only | Supports | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded audio-only content with captions.  |
| 11.2.2.3 Empty clause |  |  |
| 11.2.2.4 Audio Description or Media Alternative (Prerecorded)  | Supports | The Blackboard Student application does not natively contain video content but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| 11.2.2.5 Empty clause |  |  |
| 11.2.2.6 Empty clause |  |  |
| 11.2.2.7 Info and Relationships  | Partially supports | The Blackboard Student application correctly exposes most semantics, with the following exception:* Some examples of visually prominent text, which function as headings, are not exposed as headings.
 |
| 11.2.2.8 Meaningful Sequence  | Partially supports | The correct reading sequence is meaningful throughout the Blackboard Student application, with the following exception:* Some course assignment grades are read in an incorrect order which does not match the visual layout.
 |
| 11.2.2.9 Empty clause |  |  |
| 11.2.2.10 Empty clause |  |  |
| 11.2.2.11 Empty clause |  |  |
| 11.2.2.12 Empty clause |  |  |
| 11.2.2.13 Resize text | Partially supports | Text is resizable throughout the Blackboard Student application without a loss of content or functionality, with the following exceptions:* Some content within discussion threads and course announcements does not honor text resizing.
* Text resizing causes some content to overlap.
 |
| 11.2.2.14 Images of text | Supports | The Blackboard Student application does not contain images of text. |
| 11.2.2.15 Keyboard | Not applicable | Most functionality is operable using the keyboard-alone in the Blackboard Student application, with the following exception:* Some links within course discussions and announcements are not focusable or actionable when using an external Bluetooth keyboard.
 |
| 11.2.2.16 Empty clause |  |  |
| 11.2.2.17 Empty clause |  |  |
| 11.2.2.18 Empty clause |  |  |
| 11.2.2.19 Empty clause |  |  |
| 11.2.2.20 Empty clause |  |  |
| 11.2.2.21 Empty clause |  |  |
| 11.2.2.22 Empty clause |  |  |
| 11.2.2.23 Empty clause |  |  |
| 11.2.2.24 Empty clause |  |  |
| 11.2.2.25 Empty clause |  |  |
| 11.2.2.26 Empty clause |  |  |
| 11.2.2.27 Language of Software | Not applicable |  |
| 11.2.2.28 Empty clause |  |  |
| 11.2.2.29 Empty clause |  |  |
| 11.2.2.30 Empty clause |  |  |
| 11.2.2.31 Empty clause |  |  |
| 11.2.2.32 Empty clause |  |  |
| 11.2.2.33 Error Identification | Supports | When an input error is detected in the Blackboard Student application, the error is described to the user in text. |
| 11.2.2.34 Empty clause |  |  |
| 11.2.2.35 Empty clause |  |  |
| 11.2.2.36 Empty clause |  |  |
| 11.2.2.37 Parsing | Not applicable |  |
| 11.2.2.38 Name, role, value  | Partially supports | The Blackboard Student application provides the correct name, role, state, and other accessibility information for most user interface elements with some exceptions including:* Navigation tabs are not exposed as buttons.
* Multiple answer choices are not exposed as buttons.
* Some links in course assignments and discussions are not identified as interactive elements.
* Some examples of static content, such as calendar dates when no assignments are due, are incorrectly identified as interactive elements.
* Some user settings, such as controls to enable push notifications, are not exposed as buttons.
* Some status updates during multiple choice quiz are not programmatically exposed to assistive technology.
 |
| 11.3 Interoperability with assistive technology |  |  |
| 11.3.1 Closed functionality | Not applicable |  |
| 11.3.2 Accessibility services |  |  |
| 11.3.2.1 Platform accessibility service support for software that provides a user interface | Not applicable |  |
| 11.3.2.2 Platform accessibility service support for assistive technologies | Not applicable |  |
| 11.3.2.3 Use of accessibility services | Not applicable |  |
| 11.3.2.4 Assistive technology | Not applicable |  |
| 11.3.2.5 Object information | Not applicable |  |
| 11.3.2.6 Row, column, and headers |  |  |
| 11.3.2.7 Values | Not applicable |  |
| 11.3.2.8 Label relationships | Not applicable |  |
| 11.3.2.9 Parent-child relationships | Not applicable |  |
| 11.3.2.10 Text | Not applicable |  |
| 11.3.2.11 List of available actions | Not applicable |  |
| 11.3.2.12 Execution of available actions | Not applicable |  |
| 11.3.2.13 Tracking of focus and selection attributes | Not applicable |  |
| 11.3.2.14 Modification of focus and selection attributes | Not applicable |  |
| 11.3.2.15 Change notification | Not applicable |  |
| 11.3.2.16 Modifications of states and properties | Not applicable |  |
| 11.3.2.17 Modifications of values and text | Not applicable |  |
| 11.4 Documented accessibility usage |  |  |
| 11.4.1 User control of accessibility services | Not applicable |  |
| 11.4.2 No disruption of accessibility features | Not applicable |  |
| 11.5 User preferences | Not applicable |  |
| 11.6 Authoring tools |  |  |
| 11.6.1 Content technology | Not applicable |  |
| 11.6.2 Accessible content creation | Not applicable |  |
| 11.6.3 Preservation of accessibility information in transformations | Not applicable |  |
| 11.6.4 Repair assistance | Not applicable |  |
| 11.6.5 Templates | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 12 Document and support services

Notes: The Blackboard Student application does not provide document and support services.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 12.1 Product documentation |  |  |
| 12.1.1 Accessibility and compatibility features | Not applicable |  |
| 12.1.2 Accessible documentation | Not applicable |  |
| 12.2 Support services |  |  |
| 12.2.1 General (informative) |  |  |
| 12.2.2 Information on accessibility and compatibility features | Not applicable |  |
| 12.2.3 Effective communication | Not applicable |  |
| 12.2.4 Accessible documentation | Not applicable |  |

### EN 301 549 Functional Accessible Requirements: 13 ICT providing relay or emergency service access

Notes: The Blackboard Student application does not provide relay or emergency service access.

| Criteria | Conformance Level | Remarks and Explanations |
| --- | --- | --- |
| 13.1.1 General (Informative) |  |  |
| 13.1.2 Text relay services | Not applicable |  |
| 13.1.3 Sign relay services | Not applicable |  |
| 13.1.4 Lip-reading relay services | Not applicable |  |
| 13.1.5 Captioned telephony services | Not applicable |  |
| 13.1.6 Speech to speech relay services | Not applicable |  |
| 13.2 Access to relay services | Not applicable |  |

## Legal disclaimer

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