

D2L Accessibility Conformance Report International Edition

(Based on VPAT® Version 2.4 INTL – Covers WCAG 2.1, Section 508 and EN 301 549)

Name of Product/Version: Brightspace CORE 20.23.x

Report Date: March 31, 2023

Product Description: Learning Management System

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Notes: This version of D2L's Accessibility Conformance Report (ACR) dated March 31, 2023 reports

- conformance with WCAG 2.1 at Levels A, AA, and AAA,
- compliance with Section 508 of the Rehabilitation Act, 1973 revised in 2017, and
- compliance with EN 301 549 V3.2.1 (2021-03) the Harmonised European Standard,

for Brightspace Core and allied mobile apps based on the <u>VPAT® Version 2.4 INTL</u> template published by the Information Technology Industry Council (ITIC) in March 2022. This report supersedes our Accessibility Conformance Reports as of March 31, 2022.

Introduction:

We report publicly on how the accessibility level of our products align with the World Wide Web Consortium's Web Content Accessibility Guidelines (WCAG) 2.1 Level AAA standards, while regulatory requirements require up to Level AA. For us, accessibility is not a checklist; it is a commitment to empower and engage individuals in their learning goals. It is about providing an equitable user experience to users with disabilities by including considerations at every stage of development. We work closely with our clients to develop comprehensive solutions that are flexible to the individual needs of institutions, instructors and learners. We offer products that make it easy for users to navigate, understand, and respond to learning materials and activities using the assistive technologies that support their needs.

Accessibility best practices are built into our design and development processes. As part of quality assurance, our products are checked for compliance with the most up-to-date accessibility standards based on the Web Content Accessibility Guidelines (WCAG) 2.1 Levels A, AA and AAA).



Points of non-compliance are transparently reported as exceptions in our WCAG checklist. These exceptions are raised as high priority software defects in our backlog and scheduled/remediated as such. We post updated versions of D2L's Accessibility Conformance Reports on our <u>Accessibility Standards page</u> periodically.

Evaluation Methods Used:

D2L's designers build and maintain design patterns and component specifications with accessibility and consistency in mind. Our engineers build accessibility into the web components they create as building blocks for product development. Accessibility tests are integrated into the unit testing and integration testing protocols of engineers. For this, they are trained and equipped with state-of-the-art automated accessibility testing tools. Success criteria not covered by the automated tests are covered by the manual testing protocols of our quality assurance testers, which include testing with assistive technologies. We have a user experience tester who is blind and uses a screen reader. She works with UI researchers and designers in the initial stages of design and checks the products for user experience before release.

We also partner with a third-party accessibility testing company for our accessibility research, design consultation and user testing to recruit users via their cloud-based platform from their community of people with disabilities using a variety of assistive technologies such as multiple screen readers, screen magnifiers, speech input, and switch access devices. Key test methods used are listed below, with acronym legends. These acronyms are referenced in the Remarks and Explanations column to indicate how we tested for each of the WCAG 2.1 success criteria and the functional criteria of Section 508 and EN 301 549 standards. These acronyms are repeated in the page footer for easy reference. Version numbers indicate the limits within which we have tested and not the only versions tested.

TBT – Tool-Based Testing: aXe DevTools 4.24.4 Crx / Lighthouse v9.5.0; WebAIM WAVE 3.1.6; Totally; HTML CodeSniffer; A11y Bookmarklets

CCT - Color Contrast Testing: WebAIM Color contrast checker; TPG Color contrast checker; Online contrast checker; Grayscale bookmarklet

SRT – Screen Reader Testing: JAWS® 2021.2111.13/ Edge 94.0.992.31, Firefox 97.0.1 & Chrome 99.0.4844; NVDA 2021.3.3/Firefox 97.0.1 & Chrome 99.0.4844; MacOS Monterey Voiceover/Safari 15.4; Voiceover/iOS 15.3.1, iPadOS 15.3.1; Talkback/Android 12

SMT – Screen Magnifier Testing – OS tools on Windows 10 and MacOS Monterey, ZoomText® 2021.2111.4; Fusion 2021.2111.3

MAT – Manual Accessibility Testing: Keyboard testing with visual focus; Videos; Speech input using Dragon 16; Inspection

UBT – User-Based Testing: Testing with Users with Disabilities in-house and through partnership with a third-party company



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 2.1	Level A (Yes)
	Level AA (Yes)
	Level AAA (Yes)
Revised Section 508 standards published January 18, 2017, and corrected January 22, 2018	(Yes)
EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)	(Yes)

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.x Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 Web, Sections 10.1-10.4 of Chapter 10 Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 Documentation
- Revised Section 508: Chapter 5 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <u>WCAG 2.0 Conformance Requirements</u>.



Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: EN 301 549 Criteria • 9.1.1.1 (Web) • 10.1.1.1 (Non-web document) • 11.1.1.1.1 (Open Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	 Test methods: TBT; SRT; UBT Features Images and icons are provided with text alternative to inform users with visual impairments, in audio or braille, of the intent and purpose of such non-text elements through their screen readers or similar assistive technologies. Controls and input fields have descriptive, contextual labels or title attributes. Infographics and other large image files are included inside an HTML file with appropriate alternative description. The HTML editor's "Insert Stuff" option is used to insert images into quiz questions and provide alt text. Screen reader users can view the source code editor to get information about text styles applied in the Brightspace Editor. Instructors are provided choices for providing assessment feedback in different modalities such as visual, audio, video, text, etc. Those who want to use visual modality can use the Annotations tool, which can be enabled or disabled at the course level.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.1 (Web) • 10.1.2.1 (Non-web document) • 11.1.2.1.1 (Open Functionality Software)	Supports	Test Methods: MAT Features Time-based media are not a part of the LMS. Users control the content they produce.



Criteria	Conformance Level	Remarks and Explanations
 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		 Users can create accessible audio/video content using tools such as Video Note™ to use as learning content, discussion post, assessment feedback and such using the HTML editor.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.2 (Web) • 10.1.2.2 (Non-web document) • 11.1.2.2 (Open Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	 Test Methods: MAT Features Time-based media are not a part of the LMS. Users control the content they produce. When users upload video files to the Media Library, closed captions can be generated automatically or uploaded or entered. Owners can edit the captions. Video topics render using a fully accessible video player which supports the ability to download the transcript and captions. The Video Note™ feature in the HTML editor enables recording of videos and generates automated captions that can be edited by the owner. The new Lessons Create Experience within the New Content Experience provides a Manage Captions interface for video and audio files added to Lessons.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.3 (Web) • 10.1.2.3 (Non-web document)	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.



Criteria	Conformance Level	Remarks and Explanations
 11.1.2.3.1 (Open Functionality Software) 11.1.2.3.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
1.3.1 Info and Relationships (Level A) Also applies to: EN 301 549 Criteria 9.1.3.1 (Web) 10.1.3.1 (Non-web document) 11.1.3.1.1 (Open Functionality Software) 11.1.3.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	 Test methods: TBT; SRT; MAT; UBT Features The content on our LMS is created such as to be understood by assistive technologies and to be presented in different ways. Assistive technologies can programmatically determine the information, structure and relationships conveyed through presentation. Headings and ARIA landmarks are used to help convey presentation. Links and images are unique and contextual making it easy for users to navigate options. Tables mostly use row and column headers. Table headers use scope attribute where appropriate. ARIA is used to communicate context menus, dynamic page changes and alerts. When pop-up window option is selected instead of modal dialogs, pages are rendered linear and read clearly without style sheets. ARIA expanded/collapsed markup is not used to indicate menu states. This state is communicated through link names instead. Image maps are not used.



Criteria	Conformance Level	Remarks and Explanations
1.3.2 Meaningful Sequence (Level A)		
Also applies to:		
EN 301 549 Criteria		Test Methods: SRT; UBT
• 9.1.3.2 (Web)		Features
 10.1.3.2 (Non-web document) 		The content on our LMS is created to be understood by assistive
• 11.1.3.2.1 (Open Functionality Software)		technologies and to be presented in different ways.
• 11.1.3.2.2 (Closed Software)	Supports	
• 11.8.2 (Authoring Tool)	σαρροιτί	ricadings and rim riandinario are asea to help convey
• 12.1.2 (Product Docs)		relationships between content.
• 12.2.4 (Support Docs)		Pages are linear and read clearly without style sheets.
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.3.3 Sensory Characteristics (Level A)		
Also applies to:		
EN 301 549 Criteria		
• 9.1.3.3 (Web)		Test Methods: MAT
 10.1.3.3 (Non-web document) 		Features
 11.1.3.3 (Open Functionality Software) 		Any concepts suggested through shape, size, visual location,
• 11.1.3.3 (Closed Software)	Supports	orientation, or sound is also communicated through language.
• 11.8.2 (Authoring Tool)	Supports	Textual equivalents may be visible or hidden (alt text, titles, ARIA)
• 12.1.2 (Product Docs)		alerts, etc.).
• 12.2.4 (Support Docs)		
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.4.1 Use of Color (Level A)	Supports	Test Methods: CCT: Grayscale bookmarklet
Also applies to:	34550.13	Features



Criteria	Conformance Level	Remarks and Explanations
EN 301 549 Criteria • 9.1.4.1 (Web) • 10.1.4.1 (Non-web document) • 11.1.4.1 (Open Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		 Information conveyed through font styling or color is also communicated through language. Electronic forms use standard HTML mark-up and item labeling. ePortfolio themes provide several color options. Invisible spans are added to provide "selected" text to areas. When color is used for warning and confirmation messages, the associated text communicates meaning clearly on its own. Tool menus and tabs use highlighting to indicate current location. This information is also communicated by headings and selected states. The Grades tool allows grade ranges to be associated with colors and symbols. However, text is also required to help users with color recognition constraints. Users control their own content.
1.4.2 Audio Control (Level A) Also applies to: EN 301 549 Criteria 9.1.4.2 (Web) 10.1.4.2 (Non-web document) 11.1.4.2 (Open Functionality Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		Test Methods: MAT Features • Brightspace does not use audio alerts. • Users control their own content.



Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria 9.2.1.1 (Web) 10.2.1.1 (Non-web document) 11.2.1.1.1 (Open Functionality Software) 11.2.1.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	 Test Methods: MAT: Keyboard + visual focus; SRT; UBT Features Forms are accessible by keyboard and assistive technologies. Some forms use a combination of fields, buttons, inline help, and links. Some menu lists require navigation using the tab key rather than the arrow keys – the more commonly expected keyboard behavior. The Form Elements administrative tool is challenging to use without a mouse. The Equation Editor is keyboard accessible. It produces standards-compliant equations using MathML. But in editing mode, screen reader users cannot discern the equation structure. Users control their own content.
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria 9.2.1.2 (Web) 10.2.1.2 (Non-web document) 11.2.1.2 (Open Functionality Software) 11.2.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	upports	Test Methods: MAT: Keyboard; SRT; UBT Features • No keyboard traps



Criteria	Conformance Level	Remarks and Explanations
2.1.4 Character Key Shortcuts (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 9.2.1.4 (Web) • 10.2.1.4 (Non-web document) • 11.2.1.4.1 (Open Functionality Software) • 11.2.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	 Test Methods: TBT; MAT; UBT Features Single character shortcut keys are not used, and shortcut keys are active only on focus. Users activating controls using speech input are able to speak single input characters without accidentally activating some control.
2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria 9.2.2.1 (Web) 10.2.2.1 (Non-web document) 11.2.2.1 (Open Functionality Software) 11.2.2.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	 Test Methods: MAT Features Users can refresh data in the Chat, Discussions, and Pager tool at their own pace. Some tools, such as Quizzes, support time limits. Users are warned before their time expires. Alternative time limits (Special Access) can be set for specific users. Institutions set time-out limits for inactive users. The system warns users before their session expires.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria • 9.2.2.2 (Web) • 10.2.2.2 (Non-web document) • 11.2.2.2 (Open Functionality Software) • 11.2.2.2 (Closed Software)	Supports	Test Methods: MAT Features • Essential animations are provided to give feedback about loading progress.



Criteria	Conformance Level	Remarks and Explanations
 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		 Progress animations are used to indicate progress/status of content where users might be confused or mislead if the status wasn't indicated. Short animations are used to help users understand transitions in the interface – such as unpinning a course from the "my courses" widget. Auto-updating is used in some tools, such as the Chat tool, where users need to be aware of new information. Settings are available to turn off auto- refreshes.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: EN 301 549 Criteria • 9.2.3.1 (Web) • 10.2.3.1 (Non-web document) • 11.2.3.1 (Open Functionality Software) • 11.2.3.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Test Methods: MAT • Yes. We adhere to this criterion.
 2.4.1 Bypass Blocks (Level A) Also applies to: EN 301 549 Criteria 9.2.4.1 (Web) 10.2.4.1 (Non-web document) – Does not apply 11.2.4.1 (Open Functionality Software) – Does not apply 	Supports	Test Methods: MAT: Keyboard; SRT; TBT: Landmarks bookmarklet Features Skip to main content links, headings and ARIA landmarks help users avoid repetitive and non-essential content. The expanded/collapsed state of secondary form content is clearly indicated, and the fields are accessible.



Criteria	Conformance Level	Remarks and Explanations
 11.2.4.1 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 		Users control their own content.
2.4.2 Page Titled (Level A) Also applies to: EN 301 549 Criteria 9.2.4.2 (Web) 10.2.4.2 (Non-web document) 11.2.4.2 (Open Functionality Software) - Does not apply 11.2.4.2 (Closed Software) - Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Test Methods: MAT; TBT: Landmarks bookmarklet Features • Each page has a title, heading 1 and ARIA main landmark. • Users control their own content.
2.4.3 Focus Order (Level A) Also applies to: EN 301 549 Criteria • 9.2.4.3 (Web) • 10.2.4.3 (Non-web document) • 11.2.4.3 (Open Functionality Software) • 11.2.4.3 (Closed Software)	Supports	Test Methods: MAT: Keyboard & visual focus Features Each page has a logical tab order and visible tab stops. Users control their own content.



Criteria	Conformance Level	Remarks and Explanations
 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 2.4.4 Link Purpose (In Context) (Level A) Also applies to: EN 301 549 Criteria 9.2.4.4 (Web) 10.2.4.4 (Non-web document) 11.2.4.4 (Open Functionality Software) 11.2.4.4 (Closed Software 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Test Methods: MAT; SRT Features • Links are unique and contextual, usually in the format [action] [applicable item]. • Users control their own content.
2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 9.2.5.1 (Web) • 10.2.5.1 (Non-web document) • 11.2.5.1 (Open Functionality Software) • 11.2.5.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	 Test Methods: TBT; MAT; UBT Features Single-point actions can be used to operate any functionality that can be operated with a pointer. Path-based or multi-point gestures are not required to operate any functionality, except for gestures that are standard to the operating system.



Criteria	Conformance Level	Remarks and Explanations
2.5.2 Pointer Cancellation (Level A 2.1 only)		
Also applies to:		
EN 301 549 Criteria		
• 9.2.5.2 (Web)		Test Methods: TBT; MAT; UBT
10.2.5.2 (Non-web document)		Features
 11.2.5.2 (Open Functionality Software) 	Supports	Drag-and-drop interactions can be cancelled by clicking outside
• 11.2.5.2 (Closed Software)		the drop target.
• 11.8.2 (Authoring Tool)		
• 12.1.2 (Product Docs)		
• 12.2.4 (Support Docs)		
Revised Section 508 – Does not apply		
2.5.3 Label in Name (Level A 2.1 only)		
Also applies to:		
EN 301 549 Criteria		Test Methods: TBT; MAT; UBT
• 9.2.5.3 (Web)		Features
 10.2.5.3 (Non-web document) 		Programmatic labels provided to user interface components
• 11.2.5.3.1 (Open Functionality Software)	Supports	include all or part of the text that is presented as visual label (or
• 11.2.5.3.2 (Closed Software)		the meaning represented by the icon) at the start to work well
• 11.8.2 (Authoring Tool)		with voice input tools.
• 12.1.2 (Product Docs)		
• 12.2.4 (Support Docs)		
Revised Section 508 – Does not apply		
2.5.4 Motion Actuation (Level A 2.1 only)		
Also applies to:		
EN 301 549 Criteria		
• 9.2.5.4 (Web)		Test Methods: TBT; MAT; UBT
• 10.2.5.4 (Non-web document)	Supports	Features
• 11.2.5.4 (Open Functionality Software)	3,44,51,35	No function of our mobile apps relies on motion for actuation.
• 11.2.5.4 (Closed Software)		
• 11.8.2 (Authoring Tool)		
• 12.1.2 (Product Docs)		
• 12.2.4 (Support Docs)		



Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		
3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria 9.3.1.1 (Web) 10.3.1.1 (Non-web document) 11.3.1.1.1 (Open Functionality Software) 11.3.1.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	 Test Methods: TBT; SRT Features Language of content is notified at start of page and when changed within page. Users control their own content.
3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria 9.3.2.1 (Web) 10.3.2.1 (Non-web document) 11.3.2.1 (Open Functionality Software) 11.3.2.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Test Methods: MAT; SRT Features • We have visible on-focus states that use a combination of colour and border effect to highlight the focused elements. These are built into our controls and defined into our design patterns.
3.2.2 On Input (Level A) Also applies to:	Supports	Test Methods: MAT; SRT Features



Criteria	Conformance Level	Remarks and Explanations
EN 301 549 Criteria 9.3.2.2 (Web) 10.3.2.2 (Non-web document) 11.3.2.2 (Open Functionality Software) 11.3.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool)		Changing the setting of any UI component does not cause an unexpected change in the context automatically.
 602.3 (Support Docs) 3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria 9.3.3.1 (Web) 10.3.3.1 (Non-web document) 11.3.3.1.1 (Open Functionality Software) 11.8.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Test Methods: TBT; SRT Features • Error messages are communicated using a combination of ARIA alerts, ARIA landmarks, headings and links. • Where possible, error messages describe each error and link to the appropriate field for resolving the error.
3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria • 9.3.3.2 (Web) • 10.3.3.2 (Non-web document) • 11.3.3.2 (Open Functionality Software)	Supports	Test Methods: TBT; SRT Features • Forms have clear headings, labels, field sets, and buttons. Inline help is provided as needed.



Criteria	Conformance Level	Remarks and Explanations
 11.3.3.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria 9.4.1.1 (Web) 10.4.1.1 (Non-web document) 11.4.1.1.1 (Open Functionality Software) 11.4.1.1.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 	Supports	The expanded/collapsed state of secondary form content is clearly indicated, and the fields are accessible. Test Methods: TBT: HTML CodeSniffer Features Web pages are written to HTML5 specifications. Users control their own content.
 602.3 (Support Docs) 4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria 9.4.1.2 (Web) 10.4.1.2 (Non-web document) 11.4.1.2.1 (Open Functionality Software) 11.4.1.2.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 	Supports	Test Methods: TBT; SRT Features • Controls are developed and validated against HTML specifications and standards, including ARIA.



Criteria	Conformance Level	Remarks and Explanations
 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
4.1.3 Status Messages (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.4.1.3 (Web) • 10.4.1.3 (Non-web document) • 11.4.1.3 (Open Functionality Software) • 11.4.1.3 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Partially supports	 Test Methods: TBT; MAT; UBT Features Users are made aware of important changes in content that are not given focus through inline or toast alerts. These alerts do not interrupt users' work. Screen reader users get audio alerts. Exception: The Quiz Builder "Move To" functionality does not announce the change with VoiceOver when moving items to Sections. It works well with JAWS and NVDA.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: EN 301 549 Criteria 9.1.2.4 (Web) 10.1.2.4 (Non-web document) 11.1.2.4 (Open Functionality Software) 11.1.2.4 (Closed Software) 11.8.2 (Authoring Tool)	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.



Criteria	Conformance Level	Remarks and Explanations
 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria 9.1.2.5 (Web) 10.1.2.5 (Non-web document) 11.1.2.5 (Open Functionality Software) 11.1.2.5 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.
1.3.4 Orientation (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.3.4 (Web) 10.1.3.4 (Non-web document) 11.1.3.4 (Open Functionality Software) 11.1.3.4 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	 Test Methods: TBT; MAT Features When a page or app is opened on a mobile device, it is presented in the device's current display orientation. When the device is rotated, the content adjusts to the new display orientation.



Criteria	Conformance Level	Remarks and Explanations
1.3.5 Identify Input Purpose (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.3.5 (Web) 10.1.3.5 (Non-web document) 11.1.3.5.1 (Open Functionality Software) 11.1.3.5.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs)	Supports	Test Methods: TBT; MAT Features • Auto complete is supported for input components in forms involving users' personal information to enable them to identify the input purpose.
Revised Section 508 – Does not apply 1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria 9.1.4.3 (Web) 10.1.4.3 (Non-web document) 11.1.4.3 (Open Functionality Software) 11.1.4.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Test Methods: TBT; CCT; SMT; UBT Features • Foreground to background contrast adheres to standards. • Our standard text elements now have a 7:1 contrast on a white background (level AAA compliance). • Users control their own content.
1.4.4 Resize text (Level AA) Also applies to: EN 301 549 Criteria • 9.1.4.4 (Web) • 10.1.4.4 (Non-web document) • 11.1.4.4.1 (Open Functionality Software) • 11.1.4.4.2 (Closed Software)	Supports	 Test Methods: TBT; CCT; SMT; UBT Features User account settings are available for adjusting font face and size. Icons and text resize with scaling/zooming options of browser (and other technology) up to 200%. All product functionalities perform well at this zoom level.



Criteria	Conformance Level	Remarks and Explanations
 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		Users control their own content.
1.4.5 Images of Text (Level AA) Also applies to: EN 301 549 Criteria • 9.1.4.5 (Web) • 10.1.4.5 (Non-web document) • 11.1.4.5.1 (Open Functionality Software) • 11.1.4.5.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Test Methods: MAT; SRT Features Images of text are not used. Equations authored in D2L's Equation Editor are stored as MathML and output as MathML in browsers where supported. Users control their own content.
1.4.10 Reflow (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.10 (Web) • 10.1.4.10 (Non-web document) • 11.1.4.10 (Open Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Partially supports	 Test Methods: TBT; MAT; UBT Features Brightspace and the Daylight Design System it is built upon are designed with responsive design and reflow in mind. We have a best-in-class responsive solution for Brightspace web and award-winning mobile apps. Pages mostly reflow when the viewport is set to smaller phone sizes. Exception:



Criteria	Conformance Level	Remarks and Explanations
		That said, we have prioritized our responsive design updates based on usage and persona (learners and instructors first). There are infrequently used tools and administrative workflows that are not yet fully responsive.
1.4.11 Non-text Contrast (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.11 (Web) • 10.1.4.11 (Non-web document) • 11.1.4.11 (Open Functionality Software) • 11.1.4.11 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	Test Methods: TBT; MAT; UBT Features • Active user interface components have a contrast ratio of 3:1 with the background.
1.4.12 Text Spacing (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.4.12 (Web) 10.1.4.12 (Non-web document) 11.1.4.12 (Open Functionality Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Partially supports	 Test Methods: TBT; MAT; UBT Features Brightspace and the Daylight Design System it is built upon are designed with responsive design and reflow in mind to accommodate changes in content size due to text spacing changes made by the user. When text spacing is adjusted, content does not get cut off or overlap on most pages. Exception: We have prioritized our responsive design updates based on usage and persona (learners and instructors first). There are infrequently used tools and administrative workflows that are not yet fully



Criteria	Conformance Level	Remarks and Explanations
		responsive where changes in text spacing could result in content overlapping or being cut off.
1.4.13 Content on Hover or Focus (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.13 (Web) • 10.1.4.13 (Non-web document) • 11.1.4.13 (Open Functionality Software) • 11.1.4.13 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	Test Methods: TBT; MAT; UBT Features • Custom tooltips, user profile badges, and edit nav bar links that appear on hover or focus are visible until dismissed and can be dismissed without moving pointer hover or keyboard focus.
2.4.5 Multiple Ways (Level AA) Also applies to: EN 301 549 Criteria • 9.2.4.5 (Web) • 10.2.4.5 (Non-web document) – Does not apply • 11.2.4.5 (Open Functionality Software) – Does not apply • 11.2.4.5 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	 Test Methods: MAT: Inspection Features Headings, ARIA landmarks (such as navigation landmarks) and unique link and button names help users navigate pages quickly. Pages have consistent navigation areas. Many pages contain search fields with ARIA search landmarks. The system works well with search and find features built into assistive technologies. Users control their own content.
2.4.6 Headings and Labels (Level AA)	Supports	Test Methods: MAT: Inspection; UBT



Criteria	Conformance Level	Remarks and Explanations
Also applies to:		Features
EN 301 549 Criteria		Pages have descriptive headings and labels. Labels are unique and
• 9.2.4.6 (Web)		contextual.
 10.2.4.6 (Non-web document) 		Users control their own content.
 11.2.4.6 (Open Functionality Software) 		
• 11.2.4.6 (Closed Software)		
• 11.8.2 (Authoring Tool)		
• 12.1.2 (Product Docs)		
• 12.2.4 (Support Docs)		
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
2.4.7 Focus Visible (Level AA)		
Also applies to:		
EN 301 549 Criteria		
• 9.2.4.7 (Web)		
• 10.2.4.7 (Non-web document)		Test Methods: MAT: Keyboard + visual focus
• 11.2.4.7 (Open Functionality Software)		Features
• 11.2.4.7 (Closed Software)	Supports	Each page has a logical tab order and visible tab stops.
• 11.8.2 (Authoring Tool)		Links and fields have extra highlighting, beyond browser defaults.
• 12.1.2 (Product Docs)		
• 12.2.4 (Support Docs) Revised Section 508		
501 (Web)(Software)504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.1.2 Language of Parts (Level AA)		Test Methods: TBT: Language bookmarklet
Also applies to:		Features
EN 301 549 Criteria	Supports	While the WSYIWYG editor does not include a button or prompt
• 9.3.1.2 (Web)	Jupports	users to indicate a "lang" attribute for language changes, users can
• 10.3.1.2 (Non-web document)		insert a "lang" attribute using the HTML source editor.



Criteria	Conformance Level	Remarks and Explanations
 11.3.1.2 (Open Functionality Software) – Does not apply 11.3.1.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		Users control their own content.
3.2.3 Consistent Navigation (Level AA) Also applies to: EN 301 549 Criteria 9.3.2.3 (Web) 10.3.2.3 (Non-web document) – Does not apply 11.3.2.3 (Open Functionality Software) – Does not apply 11.3.2.3 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs	Supports	Test Methods: MAT: Inspection; SRT; SMT Features Navigation models are consistent across tools and use headings and ARIA navigation landmarks to help orient users.
3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria • 9.3.2.4 (Web) • 10.3.2.4 (Non-web document) – Does not apply	Supports	 Test Methods: SRT; SMT Features Icons use an icon grammar to facilitate learning. The same icon is used for the same action across all tools.



Criteria	Conformance Level	Remarks and Explanations
 11.3.2.4 (Open Functionality Software) – Does not apply 11.3.2.4 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to nonweb software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to nonweb docs 		Users may combine concepts they already understand to interpret new icons.
3.3.3 Error Suggestion (Level AA) Also applies to: EN 301 549 Criteria 9.3.3.3 (Web) 10.3.3.3 (Non-web document) 11.3.3.3 (Open Functionality Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	 Test Methods: MAT: Inspection; SR; SM Features Error messages are communicated using a combination of ARIA alerts, ARIA landmarks, headings and links. Where possible, error messages describe each error and link to the appropriate field for resolving the error.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: EN 301 549 Criteria • 9.3.3.4 (Web) • 10.3.3.4 (Non-web document) • 11.3.3.4 (Open Functionality Software)	Not applicable	No legal commitments or financial transactions for the user on the platform.



Criteria	Conformance Level	Remarks and Explanations
• 11.3.3.4 (Closed Software)		
 11.8.2 (Authoring Tool) 		
 12.1.2 (Product Docs) 		
 12.2.4 (Support Docs) 		
Revised Section 508		
 501 (Web)(Software) 		
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.
1.2.8 Media Alternative (Prerecorded) (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.
1.2.9 Audio-only (Live) (Level AAA) EN 301 549 Criteria— Does not apply Revised Section 508 — Does not apply	Not applicable	 Time-based media are not a part of the LMS. Users control the content they produce.
1.3.6 Identify Purpose (Level AAA 2.1 only) EN 301 549 Criteria— Does not apply Revised Section 508 — Does not apply	Supports	Testing Methods: Test Methods: MAT: Inspection Features:



Criteria	Conformance Level	Remarks and Explanations
		All icons are labeled so that users can perceive the functionality
		of each icon. Example: The envelope icon is labeled "Message
		alerts" (and not Envelope).
		ARIA landmarks are used to mark different regions in a page. This
		information is available to screen readers for conveying to users
		who cannot see the screen.
		Test Methods: CCT
1.4.6 Contrast (Enhanced) (Level AAA)		Features
EN 301 549 Criteria – Does not apply	Supports	Our standard text elements in the Brightspace Daylight design
Revised Section 508 – Does not apply		system have a contrast greater than 7:1 on a white background.
		Users control their own content.
1.4.7 Low or No Background Audio (Level AAA)		Brightspace does not use any audio background.
EN 301 549 Criteria – Does not apply	Supports	Users control the content they produce.
Revised Section 508 – Does not apply		
		Test Methods: MAT: Inspection
		Features:
		Brightspace is compatible with most popular browser extensions to allow years to set their chains of foreground (background).
		to allow users to set their choice of foreground/background colors and text spacing.
1.4.8 Visual Presentation (Level AAA)	Supports	• Icons and text resize with the scaling/zooming options of browser
EN 301 549 Criteria – Does not apply		(and other technology up to 200%.)
Revised Section 508 – Does not apply		The default font size for all clients has been standardized to our
		"Medium" font setting. As part of personalized account settings,
		users can choose another default relative font size.
		Most pages have relative column widths.
		System text does not use full justification.
		System font sizes are adjustable.

TBT – Tool-Based Testing; CCT – Color Contrast Testing; SMT – Screen Magnifier Testing;

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Criteria	Conformance Level	Remarks and Explanations
		Users control their own content.
		Test Methods: MAT: Inspection
1.4.9 Images of Text (No Exception) (Level AAA)		Features:
EN 301 549 Criteria – Does not apply	Supports	Images of text are not used.
Revised Section 508 – Does not apply		Users control their own content.
2.1.3 Keyboard (No Exception) (Level AAA)		All controls are reachable using the keyboard. Alternative ways
EN 301 549 Criteria – Does not apply	Supports	are provided to accomplish tasks in situations where a tool is not
Revised Section 508 – Does not apply	03.pps.13	optimal for one modality.
		Test Methods: MAT: Inspection
		Features:
		The Quizzes tool supports time-based assessments with the
2.2.3 No Timing (Level AAA) EN 301 549 Criteria – Does not apply	Supports	ability to define alternative access, such as alternative timing or
		no time, for users as needed.
Revised Section 508 – Does not apply		Institutions have an option to set a time-out period. Users are
		warned before their session times-out.
		Users control their own content.
		Test Methods: MAT: Inspection
		Features:
2.2.4 Interruptions (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply		Interruptions are designed only if and when applicable and
		meaningful to the activity in hand.
	Supports	Auto-updating is used in some tools, such as the Chat tool, where
		users need to be aware of new information. Settings are
		available to turn off auto- refreshes.
		The system uses ARIA alerts to indicate dynamic page changes so
		that users can choose the level of interruption they want.



Criteria	Conformance Level	Remarks and Explanations
		Users control their own content.
2.2.5 Re-authenticating (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	Test Methods: MAT: Inspection Features: Users are prompted to reauthenticate before a session expires. Upon logging back in, the user lands at the same spot and can or cannot access what was previously available depending on the context and type of data.
2.2.6 Timeouts (Level AAA 2.1 only) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	 Test Methods: MAT: Inspection Features: Controlled timeouts are implemented for timed assessments which allow auto-submission of quiz data at pre-determined time limits. Time limits are communicated to learners at the start of the assessment. Unsaved data is mostly retrievable after session expiry but there could be exceptions depending on the system.
2.3.2 Three Flashes (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	Test Methods: MAT: Inspection Features: No flashing content in the system. Users control their own content.
2.3.3 Animation from Interactions (Level AAA 2.1 only) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	Test Methods: MAT: Inspection Features: If a user sets 'reduced motion' accessibility setting at the operating system level, then the software respects it. No non-essential animation is used.



Criteria	Conformance Level	Remarks and Explanations
		Essential animations are used sparingly in contexts where it
		would be helpful to some users. For example, subtle
		communication about the state of the page (such as loading
		indicators) or to help indicate where an item was placed on or
		removed from a page (such as an animation showing items
		reordering or being added to the bottom of a page.
		Nonvisual cues such as ARIA alerts are also available.
		Test Methods: MAT: Inspection
2.4.0 Location (Lovel AAA)		Features:
2.4.8 Location (Level AAA) EN 301 549 Criteria – Does not apply	Supports	Breadcrumb trails or 'Back to' buttons are used to inform users of
Revised Section 508 – Does not apply	Sapports	their current location.
		Users control their own content.
		Test Methods: MAT: Inspection
2.4.9 Link Purpose (Link Only) (Level AAA)		Features:
EN 301 549 Criteria – Does not apply	Supports	All links have associated text that is unique and contextual,
Revised Section 508 – Does not apply		usually in the format [action] [applicable item].
		Test Methods: MAT: Inspection
		Features:
		Content and sections in a page are organized by a hierarchy of
2.4.10 Section Headings (Level AAA)		headings to enable screen reader users to meaningfully navigate
EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	and understand the content.
		Titles, headings, ARIA landmarks and labels are used to organize
		system content.
		Users control their own content.
2.5.5 Target Size (Level AAA 2.1 only)	Supports	Test Methods: MAT: Inspection; UBT

SMT – Screen Magnifier Testing; **UBT** – Testing with Users with Disabilities



Criteria	Conformance Level	Remarks and Explanations
EN 301 549 Criteria – Does not apply		Features:
Revised Section 508 – Does not apply		While not all our targets are 44x44 CSS pixels in size, we have
		ensured through user testing that targets in key workflows are
		accessible to users with fine motor challenges.
		Test Methods: MAT: Inspection
		Features:
		On account of meticulous alignment with the WCAG accessibility
		standards, our system interoperates well with standards-
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)		conforming assistive technologies. Further, our pages are
EN 301 549 Criteria – Does not apply	Supports	designed to be responsive, meaning they adjust to the view port
Revised Section 508 – Does not apply	, ,	size of different devices used to access Brightspace. Hence users
		can switch between interaction technologies and use content
		across devices seamlessly.
2.1.2 Have vel Morda (Level AAA)		Test Methods: MAT: Inspection
3.1.3 Unusual Words (Level AAA) EN 301 549 Criteria – Does not apply	Supports	Features:
Revised Section 508 – Does not apply	Supports	Inline help is provided as needed.
The state of the s		Our system allows institutions to build their own Glossary.
		Test Methods: MAT: Inspection
3.1.4 Abbreviations (Level AAA)		Features:
EN 301 549 Criteria – Does not apply	Supports	Abbreviations are avoided where possible and explained through
Revised Section 508 – Does not apply		inline help.
		Our system allows institutions to build their own Glossary
3.1.5 Reading Level (Level AAA)		Test Methods: MAT: Inspection
EN 301 549 Criteria – Does not apply	Supports	Features:
Revised Section 508 – Does not apply		Language in the system is aimed at lower secondary education level, especially for participant focused tools.



Criteria	Conformance Level	Remarks and Explanations
		Inline help is provided as necessary.
		Institutions may build their own language pack.
		Test Methods: MAT: Inspection
3.1.6 Pronunciation (Level AAA)		Features
EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	Users create their own content and related pronunciation symbols.
		Our system allows institutions to build their own Glossary.
		Test Methods: MAT: Inspection
		Features:
3.2.5 Change on Request (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply	Supports	 No changes such as new content displaying in response to an action, or focus shifts, happen outside the control of the user. Settings are available to turn off auto-refreshes where auto-updating is used in some tools, such as the Chat tool. Users can manually check new information.
3.3.5 Help (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply		Test Methods: MAT: Inspection
		Features:
	Supports	Tooltips and descriptions are provided as needed for submitting information.
		Inline help is provided as needed.
		Test Methods: MAT: Inspection
		Features:
3.3.6 Error Prevention (All) (Level AAA) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply		Error prevention is implemented as meaningful in the context of an LMS.
	Supports	Submissions are checked for input error, and errors and opportunities for correction are clearly communicated to the user.
		Most forms have either a preview option or wizard format where changes can be reviewed, confirmed and corrected before submitting.
		Where error prevention is critical, such as when submitting answer to a quiz question, the user is given an option to confirm.

TBT – Tool-Based Testing; CCT – Color Contrast Testing; SMT – Screen Magnifier Testing;

SRT – Screen Reader Testing;

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Criteria	Conformance Level	Remarks and Explanations
		This provision is used sparingly and only where required, so as to
		maintain an agile user experience. Not all actions are reversible.



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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	 Supports when combined with Compatible Assistive Technology Features All interfaces are designed according to HTML5 standards. Images and icons are assigned contextual and meaningful text alternatives that can be announced by a screen reader. Images of text are not used in place of text. Controls such as buttons are labeled to indicate their function. Form fields are labeled to perceive their intent. Links are assigned meaningful texts that clearly indicate the link destination. Controls are assigned appropriate labels that allow perception of their function. ARIA attributes are used to make alert messages and states of dynamic elements such as radio buttons perceivable. Standard interface elements are made evident through proper HTML mark up. Math equation coded in MathML can be read by the screen reader subject to browser compatibility.
302.2 With Limited Vision	Supports	Supports when combined with Compatible Assistive Technology Features All product functionalities perform well at 200% zoom level. All pages are designed to wrap well when zoomed to 200%. User account settings are available for adjusting font size. Icons and text resize with browser (and other



Criteria	Conformance Level	Remarks and Explanations
		 technology) scaling/zooming options. Most pages have relative column widths. System text does not use full justification. Colour contrast of foreground text with background is maintained according to standard specifications. SVG images are used to prevent pixelation upon magnification.
302.3 Without Perception of Color	Supports	Features Colour alone is not used to convey information.
302.4 Without Hearing	Supports	Features No auditory alerts are used.
302.5 With Limited Hearing	Supports	Features No auditory alerts are used.
302.6 Without Speech	Supports	Not applicable Speech input is not required.
302.7 With Limited Manipulation	Supports	 Supports when combined with Compatible Assistive Technology Features Users with limited manipulation primarily use alternatives to pointing devices such as onscreen keyboards, voice recognition software, visual trackers or adaptive keyboards. For these users, access through keyboard, visibility of current tab location, large target size and longer time limits are important accessibility criteria. Keyboard-accessible alternatives are provided for tools that support drag-and-drop, upload, or reordering. Current tab location is made clearly visible. Users can make their click target size larger if needed via these two mechanisms: By controlling text sizes through user preferences. By controlling icon sizes through browser zoom preferences. While time limits can be set on some tools, such as Quizzes, alternative time limits or evaluations can be provided for select

TBT – Tool-Based Testing; CCT – Color Contrast Testing; SMT – Screen Magnifier Testing;

SRT – Screen Reader Testing;

MAT – Manual Accessibility Testing

UBT – Testing with Users with Disabilities



Criteria	Conformance Level	Remarks and Explanations
		 users. Institutions can set time-out limits for inactive users. The system warns users before their session expires.
302.8 With Limited Reach and Strength	Supports	 Large target sizes, adequate timeout times, and error-tolerant routines help reduce unintended or incomplete interactions.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	 Features Simple language is used for text content. Visual illustrations are used along with text. Interface navigation is made simple through use of hierarchical headings.

Chapter 4: Hardware

Notes: This section is not applicable. Platform does not include hardware.

Chapter 5: Software

Notes: This section is not applicable. Platform is a web app.

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	D2L provides extensive <u>documentation about accessibility</u> <u>features</u> and how to use them on the documentation website (<u>https://documentation.brightspace.com/EN/-/-</u> -



Criteria	Conformance Level	Remarks and Explanations
		/welcome_page.htm), which is accessible.
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is provided electronically.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features		• A statement of D2L's accessibility is made prominently at https://www.d2l.com/accessibility/ . All information about D2L's accessibility support, which includes information on the accessibility and compatibility features that are built-in and accessibility features that provide compatibility with assistive technology supporting our products, are available on D2L's public website https://documentation.brightspace.com .
603.3 Accommodation of Communication Needs		 Accessible support services are provided via phone, email and through accessible documentation, as required. We support end user TTY Relay service. The direct number is 5195794350 and the toll-free number is 1-800-982-4315. In compliance with the Accessibility for Ontarians with Disabilities Act (AODA) 2005, D2L provides all employees with detailed training on accessible customer service, which includes specific information for each role such as client support and a line of escalation within D2L who can further support these personnel in responding to accessibility queries.



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Notes:

Chapter 4: Functional Performance Statements (FPS)

Notes:

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Supports	 Supports when combined with Compatible Assistive Technology. Features All interfaces are designed according to HTML5 standards. Images and icons are assigned contextual and meaningful text alternatives that can be announced by a screen reader. Images of text are not used in place of text. Controls such as buttons are labeled to indicate their function. Form fields are labeled to perceive their intent. Links are assigned meaningful texts that clearly indicate the link destination. Controls are assigned appropriate labels that allow perception of their function. ARIA attributes are used to make alert messages and states of dynamic elements such as radio buttons perceivable. Standard interface elements are made evident through proper HTML mark up. Math equation coded in MathML can be read by the screen reader subject to browser compatibility.
4.2.2 Usage with limited vision	Supports	Supports when combined with Compatible Assistive Technology. Features All product functionalities perform well at 200% zoom level. All pages are designed to wrap well when zoomed to 200%. User account settings are available for adjusting font size.



Criteria	Conformance Level	Remarks and Explanations
		 Icons and text resize with browser (and other technology) scaling/zooming options. Most pages have relative column widths. System text does not use full justification. Colour contrast of foreground text with background is maintained according to standard specifications. SVG images are used to prevent pixelation upon magnification.
4.2.3 Usage without perception of colour	Supports	Features Colour alone is not used to convey information.
4.2.4 Usage without hearing	Supports	Features The platform does not use any auditory alerts.
4.2.5 Usage with limited hearing	Supports	Features The platform does not use any auditory alerts.
4.2.6 Usage with no or limited vocal capability	Supports	Features The platform does not require any vocal alerts.
4.2.7 Usage with limited manipulation or strength	Supports	 Supports when combined with Compatible Assistive Technology. Features Users with limited manipulation primarily use alternatives to pointing devices such as onscreen keyboards, voice recognition software, visual trackers or adaptive keyboards. For these users, access through keyboard, visibility of current tab location, large target size and longer time limits are important accessibility criteria. Keyboard-accessible alternatives are provided for tools that support drag-and-drop, upload, or reordering. Current tab location is made clearly visible. Users can make their click target size larger if needed via these two mechanisms: By controlling text sizes through user preferences. By controlling icon sizes through browser zoom preferences. While time limits can be set on some tools, such as Quizzes,

TBT – Tool-Based Testing; CCT – Color Contrast Testing; SMT – Screen Magnifier Testing; SRT – Screen Reader Testing;

MAT – Manual Accessibility Testing

UBT – Testing with Users with Disabilities



Criteria	Conformance Level	Remarks and Explanations
		alternative time limits or evaluations can be provided for
		select users.
		Institutions can set time-out limits for inactive users. The
		system warns users before their session expires.
4.2.0.11	C	Features
4.2.8 Usage with limited reach	Supports	Large target sizes, adequate timeout times, and error-tolerant
		routines help reduce unintended or incomplete interactions.
4.2.9 Minimize photosensitive seizure triggers	Supports	No flashing content in the system.
		Users control their own content.
	Supports	Features
		Simple language is used for text content.
		Visual illustrations are used along with text.
4.2.10 Usage with limited cognition, language or learning		Interface navigation is made simple through use of hierarchical headings.
		Third party tools are integrated to provide the option of using
		spoken version of text content.
	Supports	Our platform does not biometric technologies for authentication.
4.2.11 Privacy		In the use of platform features, we maintain the privacy of users
		of assistive technologies at the same level as other users.
		• Examples:
		 Spoken version is not provided for characters being masked.
		Users have control of their personal data.

Chapter 5: Generic Requirements

Notes: This section is not applicable because it is about Closed Functionality. No functionality in the platform is closed such as to preclude users from adding peripherals or software to access it.



Chapter 6: ICT with Two-Way Voice Communication

Notes: This section is not applicable. Platform does not involve two-way voice communication.

Chapter 7: ICT with Video Capabilities

Notes: This section is not applicable. Platform is not a video communication tool.

Chapter 8: Hardware

Notes: This section is not applicable. Platform does not include hardware.

Chapter 9: Web (see WCAG 2.x section)

Notes: This section is covered in the WCAG report in Tables 1, 2 and 3.

Chapter 10: Non-Web Documents

Notes: This section is not applicable. Platform is fully web-based.

Chapter 11: Software

Notes: This section is not applicable. Platform is a web app.

Chapter 12: Documentation and Support Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
12.1 Product documentation	Heading cell – no response required	Heading cell – no response required
12.1.1 Accessibility and compatibility features	Supports	D2L provides extensive <u>documentation about accessibility</u> <u>features</u> and how to use them on the documentation website (https://documentation.brightspace.com/EN/-/-/-/welcome_page.htm), which is accessible.



Criteria	Conformance Level	Remarks and Explanations
12.1.2 Accessible documentation	See WCAG 2.x section	
12.2 Support Services	Heading cell – no response required	Heading cell – no response required
12.2.2 Information on accessibility and compatibility features	Supports	 A statement of D2L's accessibility is made prominently at https://www.d2l.com/accessibility/. All information about D2L's accessibility support, which includes information on the accessibility and compatibility features that are built-in and accessibility features that provide compatibility with assistive technology supporting our products, is available on D2L's public website https://documentation.brightspace.com.
12.2.3 Effective communication	Supports	 Accessible support services are provided via phone, email and through accessible documentation, as required. We support end user TTY Relay service. The direct number is 5195794350 and the toll free number is 1-800-982-4315. In compliance with the Accessibility for Ontarians with Disabilities Act (AODA) 2005, D2L provides all employees with detailed training on accessible customer service, which includes specific information for each role such as client support and a line of escalation within D2L who can further support these personnel in responding to accessibility queries.
12.2.4 Accessible documentation	See WCAG 2.x section	See information in WCAG 2.x section

Chapter 13: ICT Providing Relay or Emergency Service Access

Notes: This section is not applicable. Platform does not include relay or emergency service.

About D2L

D2L Brightspace is an award-winning, cloud-based learning platform that is currently being used by more than 1000 customers in over 40 countries across K-12, higher education, healthcare, government, associations, and the corporate sector. In over 23 years since inception, our team has grown to include over 1000 employees around the world. D2L operates globally, including presences in Canada, the United States, Europe, United Kingdom, Australia, Singapore, and



Brazil.

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