



**Learn Classic
Voluntary Product Accessibility Template
September 2017**

§ 1194.22 – Web-based Intranet and Internet Information and Applications
§ 1194.31 – Functional Performance Criteria
§1194.41 – Information, Documentation and Support

Overview

The information contained within this Voluntary Product Accessibility Template (VPAT) is the result of a third-party performing an audit. The audit tested the compliance of Learn Classic web application against the applicable requirements of Section 508 of the Rehabilitation Act of 1973 as Amended 1998¹.

The testing methodology performed included extensive manual testing techniques, such as keyboard-only testing, color contrast evaluation, and testing using the high contrast setting for users who have low vision. It also included assistive technology testing with JAWS 18.0 (Windows) and VoiceOver (Mac OS X), which are both screen reading software used by people who are blind.

The purpose of the VPAT is to assist Federal contracting officials in making preliminary assessments regarding the availability of commercial electronic and information technology products and services with features that support accessibility. It is assumed that offerors will provide additional contact information to facilitate more detailed inquiries.

The first table of the report provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of Subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, "e.g., equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

§1194.22 – Web-based Intranet and Internet Information and Applications
§1194.31 Functional Performance Criteria
§1194.41 – Information, Documentation and Support



Compliance Summary

Criteria	Supported
Section 1194.22 Web-based Intranet and Internet Information and Applications	Supports with Exceptions
Section 1194.31 Functional Performance Criteria	Supports with Exceptions
Section 1194.41 Information, Documentation, and Support	Applicable – Not Tested

Support Levels

Support Level	Description
Supports	The application fully meets the letter and intent of the Criteria.
Supports with Exceptions/Minor Exceptions	The application does not fully meet the letter and intent of the Criteria, but provides some level of access relative to the Criteria.
Supports through Equivalent Facilitation	The application provides an alternate way to meet the intent of the Criteria.
Supports when Combined with Compatible AT	The application fully meets the letter and intent of the Criteria when used in combination with compatible ATs.
Does Not Support	The application does not meet the letter or intent of the Criteria.
Not Applicable	The Criteria does not apply.
Not Applicable - Fundamental Alteration Exception Applies	A Fundamental Alteration of the application is required to meet the Criteria.
Applicable – Not Tested	The Standard is applicable but was not tested.



§ 1194.22 Web-based Intranet and Internet Information and Applications

Criteria	Support Level	Remarks and Explanations
<p>(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).</p>	<p>Supports with Exceptions</p>	<p>The Learn Classic web application generally provides text equivalents for most non-text elements.</p> <p>A rating of Supports with Exceptions has been given for the following reasons:</p> <p>Several expand and collapse functions throughout the application, such as those used with the Forum Statistics and My Blog, do not contain accurate roles or informative text descriptions.</p> <p>Most CSS images do not have alternative text descriptions that are available when the styles and color are removed from the pages, in particular the Global Navigation, previous/next controls, and the controls for the advanced editor toolbar.</p> <p>The avatars on the Add User or Group page, the date/time selection icons, the icons representing different submission statuses, the selected correct answer image, and the icon theme images do not have unique text descriptions.</p> <p>The date stamp of content posted on Thread page is visually displayed, for example, as 3 months ago. However, the same content is rendered as "post details" to screen reader users.</p> <p>Throughout the application, form field elements do not have unique labels, for example, two essays on the same page may both be rendered as "Essay, edit".</p>



Criteria	Support Level	Remarks and Explanations
		<p>The first, previous, next, and last images that allow users to navigate through threads on the Threads page do not have alternative text.</p> <p>A link without alternative text is rendered to screen reader users next to the checkbox on the Thread page.</p> <p>Items in the All Courses menu on the Courses page are not rendered as selected to screen reader users.</p> <p>The toggle controls for Current and Upcoming courses on the Courses page do not contain a role, e.g., button, or state, e.g., selected.</p> <p>The “displaying 1 to # of #” content on pages such as the Discussion board is rendered to screen reader users but is not visible on the page.</p> <p>The color picker tool associated with unique calendars, for example Personal verses Class, on the Calendar does not contain a role or text description.</p> <p>It is important to note that test content creators have the ability to add images to the tests that do not contain alternative text.</p>
<p>(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.</p>	<p>Supports</p>	<p>The Learn Classic web application does not contain multimedia presentations.</p> <p>Note that it is the responsibility of the authors posting multimedia presentations in the Learn Classic web application to ensure that the presentation content is accessible.</p>
<p>(c) Web pages shall be designed so that all information conveyed with color is also available</p>	<p>Supports</p>	<p>The Learn Classic web application does not exclusively use color to convey information.</p>



Criteria	Support Level	Remarks and Explanations
without color, for example from context or markup.		
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports with Minor Exceptions	<p>The Learn Classic web application is readable, for the most part, without requiring an associated style sheet.</p> <p>However, a rating of Supports with Minor Exceptions has been given for the following reason:</p> <p>The CSS background images used with the Global Navigation menu and its related pages are no longer visible nor do they have text alternatives when the stylesheets are removed.</p> <p>The CSS background images used for the advanced edit field toolbar are no longer visible nor do they have text alternatives when the stylesheets are removed.</p>
(e) Redundant text links shall be provided for each active region of a server-side image map.	Supports	The Learn Classic web application does not use server-side image maps.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Supports	The Learn Classic web application does not use client-side image maps.
(g) Row and column headers shall be identified for data tables.	Supports with Minor Exceptions	<p>The Learn Classic web application data tables contain table header cells that are correctly identified.</p> <p>However, a rating of Supports with Minor Exceptions has been given for the following reason:</p> <p>The table header row for the Grade Center page is in a separated data table from the content when the screen reader mode is not selected.</p>
(h) Markup shall be used to associate data cells and header cells for data tables that have	Supports with Minor Exceptions	The Learn Classic web application does use appropriate markup for most complex data tables.



Criteria	Support Level	Remarks and Explanations
two or more logical levels of row or column headers.		<p>However, a rating of Supports with Minor Exceptions has been given for the following reason:</p> <p>The controls for the advanced edit field, like Paragraph, have been placed in nested tables that are unable to be navigated by screen reader users.</p>
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	The Learn Classic web application does not contain frame elements.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports with Minor Exceptions	<p>The Learn Classic web application does not cause the page to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p> <p>However, a rating of Supports with Minor Exceptions has been given for the following reason:</p> <p>When a link is selected from the Quick Links menu, the associated content flashes 3 times before settling.</p>
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	The Learn Classic web application does not contain a text-only page.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports with Exceptions	<p>Scripts in the Learn Classic web application display content and create interface elements that contain functional text that is read by assistive technologies in most cases.</p> <p>A rating of Supports with Exceptions has been given for the following reasons:</p>





Criteria	Support Level	Remarks and Explanations
		<p>Throughout the application, there is a limited or lack of visual focus on active controls when they receive keyboard focus.</p> <p>The controls in the advanced edit field toolbar are using incorrect ARIA attributes and roles, e.g., aria-valuenow in place of aria-selected for a menu item.</p> <p>Several expand and collapse functions throughout the application, such as those used with My Blog, do not contain accurate roles or informative text descriptions.</p> <p>The color picker and previous/next controls in the Calendar cannot be selected with the keyboard.</p> <p>The show/hide controls on the Add Module page cannot be selected with the keyboard.</p> <p>An inappropriate ARIA attribute has been added to the labels of the checkboxes on the Forum and Course Content pages.</p> <p>Focus is not placed correctly on the content on the Posts, Updates, Retention Center, and Calendar pages when a control is selected from the left navigation panel.</p> <p>The alert for Add/Remove module on the Add Module page does not receive focus.</p> <p>Controls on the Calendar s pages do not announce when dialogs are opened.</p>





Criteria	Support Level	Remarks and Explanations
		<p>Note, the following worked in Firefox with JAWS and Safari with VoiceOver. The short cut keys of Shift + Alt + M does not open the global navigation menu in Internet Explorer with JAWS.</p>
<p>(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).</p>	<p>Supports</p>	<p>The Learn Classic web application does not require applets, plug-ins, or other applications to be present to interpret page content.</p>
<p>(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.</p>	<p>Supports with Minor Exceptions</p>	<p>The Learn Classic web application provides access to information necessary for people using assistive technologies to complete form fields.</p> <p>However, a rating of Supports with Minor Exceptions has been given for the following reasons:</p> <p>The format instructions for date and time fields on the Thread and Forum pages are placed after the edit fields.</p> <p>A title attribute alone has been used with the Overall Rating controls on the Thread page.</p> <p>It is important to note that test content creators have the ability to add images to the tests that do not contain alternative text.</p>
<p>(o) A method shall be provided that permits users to skip repetitive navigation links.</p>	<p>Supports with Minor Exceptions</p>	<p>The Learn Classic web application provides methods for skipping repetitive links.</p> <p>A rating of Supports with Minor Exceptions has been given for the following reason:</p>



Criteria	Support Level	Remarks and Explanations
		The link does not consistently navigate to the content currently displayed on the page.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports with Exceptions	<p>The Learn Classic web application allows instructors to create timed quizzes that provide students enough time to complete the quiz.</p> <p>However, a rating of Supports with Exceptions has been given for the following reason:</p> <p>It is the responsibility of content creators to ensure that tests or other activities requiring timed responses in the Learn Classic environment are accessible.</p>

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.



§ 1194.31 Functional Performance Criteria

Criteria	Support Level	Remarks and Explanations
<p>(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.</p>	<p>Supports with Exceptions</p>	<p>The Learn Classic web application provides accessibility information such as name, state, and role for most of its controls. They also allow keyboard access to most active elements.</p> <p>A rating of Supports with Major Exceptions has been assigned for the following reasons:</p> <p>As listed in §1194.22(a), (h), and (n), when information about user interface elements is not available to assistive technologies, these users may not be able to interact appropriately with the controls.</p> <p>The accessibility issues listed in §1194.22(l) and (o) affect people who are blind or visually impaired because these users navigate through the application exclusively with the keyboard.</p> <p>Additionally, there are issues with keyboard focus is placed on inactive elements throughout the application, lists elements used for visual display purposes throughout the application, and on the Forums page where the tab focus does not match the reading order that may cause challenges for blind users.</p> <p>Finally, it is important to note that content creators have the ability to upload images, audio, and multimedia content to the application that may be inaccessible to some users.</p>
<p>(b) At least one mode of operation and information retrieval that does not require</p>	<p>Supports with Exceptions</p>	<p>The Learn Classic web application does provide support for users who</p>



Criteria	Support Level	Remarks and Explanations
<p>visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.</p>		<p>have a visual acuity greater than 20/70 or visually impaired.</p> <p>A rating of Supports with Exceptions is assigned due to the following issues:</p> <p>As some low-vision users modify pages to improve readability, the lack of visible alternative text as described in §1194.22(d) may cause these users to be unable to interact with the advanced edit toolbar.</p> <p>Throughout the application there are also issue with color contrast ratios that are less than the recommended ratio of 4.5:1, such as on the OK control and the blue heading text used on the Course Content description page.</p> <p>It is also important to note that content creators have the ability to upload images, audio, and multimedia content to the application that may be inaccessible to some users.</p>
<p>(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided.</p>	<p>Supports with Exceptions</p>	<p>The Learn Classic web application does not require user hearing for information retrieval.</p> <p>However, a rating of Supports with Exceptions has been given as content creators have the ability to upload audio and multimedia content to the application that may be inaccessible to some users.</p>
<p>(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.</p>	<p>Supports with Exceptions</p>	<p>The Learn Classic web application does not require user hearing for information retrieval.</p> <p>However, a rating of Supports with Exceptions has been given as content creators have the ability to upload audio and multimedia content</p>





Criteria	Support Level	Remarks and Explanations
		to the application that may be inaccessible to some users.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Supports	The Learn Classic web application does not require user speech for information retrieval.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports with Exceptions	<p>The Learn Classic web application does provide keyboard access to the majority of functionality.</p> <p>A rating Supports with Exceptions has been assigned due to the issues noted in sections 1194.22 (l) and (o).</p>



§ 1194.41 Information, Documentation and Support

Criteria	Support Level	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Applicable- Not Tested	
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Applicable- Not Tested	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Applicable- Not Tested	