



Voluntary Product Accessibility Template

Introduction

A Voluntary Product Accessibility Template (VPAT) is a document that describes the compliance of a website or web application with the accessibility standards contained in Section 508 of the Rehabilitation Act of 1973.

Format

The VPAT is a checklist of requirements described in Section 508. A summary table provides an overall level of conformance to Section 508 and a series of Section 1194 tables list detailed requirements and the conformance to each provision. The detail tables have three columns:

Column Name	Purpose
Criteria:	Describes a specific provision
Supporting Features:	Provides a summary of the support for the subpart or provision
Remarks/Explanations:	Explains how it does or does not support the provision

Explains how it does or does not support the provision

Supporting Feature Phrase	What It Means
Supports	Fully meets the provision
Supports with Exceptions	Does not fully meet but provides some level of access
Supports through Equivalent Facilitation	Meets by providing an alternative method
Does not Support	Does not meet the provision
Not Applicable	Provision does not apply

The remarks column includes specific details about which parts of the product do or do not meet the criteria and exactly how they support or do not support the provision.

Voluntary Product Accessibility Template

Date: November 3, 2016
Name of website or product: McGraw Hill - ALEKS
Exclusions None
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Interactive Accessibility, info@ia11y.com - reviewed V1 (06/03/16)

Summary Table

Guideline	Applicable	Compliance
Section 1194.21 Software Applications and Operating Systems	Applicable	Fully supports 6 and partially supports 4 standards 2 standards are not applicable
Section 1194.22 Web-based internet information and applications	Applicable	Fully supports 5 and partially supports 6 standards 5 standards are not applicable
Section 1194.23 Telecommunications Products	Not Applicable	
Section 1194.24 Video and Multi-media Products	Not Applicable	
Section 1194.25 Self-Contained, Closed Products	Not Applicable	
Section 1194.26 Desktop and Portable Computers	Not Applicable	
Section 1194.31 Functional Performance Criteria	Applicable	Fully supports 3 and partially supports 1 standards 2 standards are not applicable
Section 1194.41 Information, documentation, and support	Not Applicable	

Section 1194.21 Software Applications and Operating Systems

Criteria	Supporting Features	Remarks and Explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports with Exceptions	The Show More, Show Less and Actions elements are links that are redefined as buttons but they cannot be activated with the Spacebar. Some elements such as the timeline milestone and homework elements and pagination elements on the dashboard cannot be navigated to or used with the keyboard.

Criteria	Supporting Features	Remarks and Explanations
<p>(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.</p>	<p>Supports</p>	<p>The ALEKS application does not disrupt any accessibility features of other products.</p>
<p>(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.</p>	<p>Supports with Exceptions</p>	<p>The ALEKS website uses custom focus indicators that are sometimes barely visible or not visible when Windows high-contrast mode is enabled or when the Windows screen magnifier is used. Some elements do not have a focus indicator that completely surrounds the element.</p>
<p>(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.</p>	<p>Supports with Exceptions</p>	<p>All inputs having type="button" have no value attribute set. The inputs used in solving mathematical equations do not have programmatic labels. Some elements that are visually grouped such as radio buttons in the survey are not grouped programmatically. The timeline milestones and homework elements have no name or role defined. Some information in dialogs is not defined in a way that makes all dialog content available to screen reader users.</p>

Criteria	Supporting Features	Remarks and Explanations
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	Functions assigned to images that identify controls and programmatic elements are consistent.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Not Applicable	The ALEKS website is not a software application that interacts with an operating system.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	The ALEKS website honors user-selected display attributes, such as high contrast. Text can be resized using browser zoom.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable	The ALEKS website does not use animation to convey information.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	The ALEKS website does not rely on color coding alone to convey information.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supports	The ALEKS website allows users to select high color contrast and grayscale settings.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	The ALEKS website does not use flashing or blinking user interface elements.

Criteria	Supporting Features	Remarks and Explanations
(l) When electronic forms are used, 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.	Supports with Exceptions	All inputs having type="button" have no value attribute set. The inputs used in solving mathematical equations do not have programmatic labels. Some elements that are visually grouped such as radio buttons in the survey are not grouped programmatically. The timeline milestones and homework elements have no name or role defined

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Section 1194.22 Web-based Internet information and applications

Criteria	Supporting Features	Remarks and Explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports with Exceptions	The SVG timeline image has an incomplete text equivalent that does not accurately describe the information conveyed in the image. The link on the Placement Results page uses text symbols as content decorators that are announced literally by screen readers.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	The ALEKS website does not use multimedia presentations.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Color alone is not used to convey information.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports with Exceptions	Some content that is purposely hidden is available to users when stylesheets are disabled or when the page is scanned by the screen reader.

Criteria	Supporting Features	Remarks and Explanations
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	Server-side image maps are not used.
(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.	Not Applicable	Client-side image maps are not used.
(g) Row and column headers shall be identified for data tables.	Supports with Exceptions	The row headers for the Assignments and Gradebook tables are not defined.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Supports	Data tables have markup that associate data cells with headers.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	All frames/iframes have informative titles.
(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	The ALEKS website does not use flashing or blinking user interface elements.
(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.	Not Applicable	A text-only page is not required for the ALEKS website.
(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	All elements and content created by scripting are identified with functional text that is read by Assistive Technology.

Criteria	Supporting Features	Remarks and Explanations
(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).	Not Applicable	No pages require an applet, plug-in or other application to be present.
(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.	Supports with Exceptions	Some radio buttons in the survey do not have a programmatic label. When the Topic menu is expanded the name for the Topic button is incorrect. The inputs used in the exercises do not have a programmatic label defined.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports with Exceptions	The banner landmark role is not defined. Navigation landmark roles are defined but do not have labels to differentiate them from each other. The contentinfo (footer) landmark is not defined on pages that use a footer. In some cases there are multiple main landmark roles used.
(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	Users are not warned or offered an opportunity to extend their session on the My Classes page but are alerted and offered the opportunity to extend their session once a class has been entered.

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Section 1194.31 Functional Performance Criteria

Criteria	Supporting Features	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</p>	<p>The ALEKS website supports the use of screen readers such as JAWS and NVDA. There is a significant advantage in using the NVDA screen reader with Firefox when dynamic content is used within the live regions present in the website and when ARIA alerts are used.</p>
<p>(b) At least one mode of operation and information retrieval that does not require 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>Supports with Exceptions</p>	<p>The ALEKS website allows users to increase page size using the browser zoom function. High-contrast mode through the operating system is honored. Users can select high contrast and grayscale settings within the website. However, some content is not visible when Windows high-contrast mode is used and in some cases the keyboard focus indicator is difficult to see or not visible when using the Windows screen magnifier.</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</p>	<p>The ALEKS website does not require hearing.</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>Not Applicable</p>	<p>Audio information is not presented in the ALEKS website.</p>

Criteria	Supporting Features	Remarks and Explanations
(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 ALEKS website does not require speech.
(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.	Not Applicable	In the pages tested, fine motor control or simultaneous actions were not required.

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