

Connect For Education®
OnAfrican American Music
Accessibility Conformance Report
International Edition

Deep Link LTI Integrated Version

October 2022

Name of Product/Version:

- Title: *OnAfrican American Music*
- Author: Connect4Education
- ISBN: 978-17332655-4-6

Report Date:

July 15, 2022 (Updated October 31, 2022)

Product Description:

Web

- **The OnAfrican American Music courseware:**
 - *OnAfrican American Music* is customizable, web-based, digital courseware available for LTI integration into a host LMS.
 - The course contains web pages with interactive lessons, quizzes, exams, and written assignments.
 - Lesson pages also include a supplemental toolbar containing optional, interactive learning tools which are also included in the evaluation.
- **Externally sourced course music audio using the Spotify® web player**

- Most of the course audio is provided through external weblinks to the free version of the web-based music streaming service, Spotify®. The use of the Spotify® web player as it is used to play the *OnAfrican American Music* course audio on a Windows device is evaluated in this document under ‘web’. The use of the Spotify® web player beyond the functionality required to login and play course audio through the links provided in the course was not evaluated.
 - Using the Spotify® web player is the recommended way to play course audio.
 - Default settings of the free version of the Spotify® web player were evaluated.
 - For best results, users should ensure they are logged into the Spotify® Web Player before starting a coursework session.
 - Information on how to access and use the Spotify® web player is included on the Preamble page of the course.
 - IMPORTANT: The Spotify® web player is subject to change at any time. The evaluations in this document represent conditions found on the date of testing.

Electronic Documents

PDF documents included in the course materials are considered ‘non-web documents’ and are evaluated under ‘Electronic Documents’. There is a PDF document of the entire lesson text of this course that is available for alternate format accessibility requests. This alternate format document is also considered a ‘non-web document’ and is reported under ‘Electronic Documents’.

Web Based Authoring Tool

The Atto Text Editor is a web-based authoring tool embedded in Written Assignment pages for creating responses to written assignments.

Software

While the Spotify® web player is most used to play course audio, some users may prefer to download the Spotify® desktop app to augment performance on their device. The use of the free version of the Spotify® desktop app as it is used to play the *OnAfrican American Music*

course audio on a Windows device is evaluated in this document. A link to download Spotify® and instructions on how to use it are provided in Preamble page of the course.

IMPORTANT: Content presentation on the Spotify® desktop app is subject to change at any time. The evaluations in this document represent conditions found on the date of testing.

Contact information:

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Audit Summary

Reported on 50 of 50 WCAG 2.1 AA Success Criteria when auditing the web, document, and optional software elements of the OnAfrican American course.

- 18 Supports
- 30 Partially (Mostly) Supports
- 2 Does Not Support

Notes:

- Level AAA conformance is not reported in this document and the tables for AAA conformance have been removed.
- *OnAfrican American Music* courseware does not include closed systems or closed software. The “Closed:” reporting category has been removed from the reporting tables.
- *OnAfrican American Music* courseware does not require specific hardware. The hardware report tables have been removed from this document.
- All testing was conducted from a student standpoint.
- The eClipz commenting tool based written assignment was not included in the audit as accessibility issues exist regarding this tool. Instructors may request an accessible alternative to the one eClipz based written assignment included in this course.

Evaluation Methods Used:

A Web Accessibility Specialist familiar with the product conducted the following:

1. The Website Accessibility Conformance Evaluation Methodology described at <https://www.w3.org/TR/WCAG-EM/> was followed to define the scope and process of the evaluation.
2. The text was explored. Key pages, content, functionalities, and processes were identified.
3. A representative structured sample was selected, and random pages were selected. Note: general knowledge of the texts was also employed before a status of 'supports' was given for any specification.
4. Accessibility support for the usability of the webpage was evaluated. Successes and failures in meeting each WCAG 2.1 specification were determined and recorded.
5. The following technologies were used when evaluating each page and variation of that page:
 - Windows 11 OS
 - Automated testing tools Axe by Deque and ANDI
 - The Color Contrast Analyzer
 - NVDA screen reader on Firefox web browser
 - NVDA screen reader on the Chrome web browser
 - Keyboard-only input on Firefox, Chrome, and Edge web browsers
 - Touch-only input on Firefox, Chrome, and Edge web browsers
 - Magnification in the browser to 200% on Firefox, Chrome, and Edge web browsers
 - Resizing and reflow of content when seen in a responsive screen size of 320 CSS pixels wide by 256 CSS pixels tall on Firefox, Chrome, and Edge web browsers. Browser zooming to 400%.
 - Windows high contrast settings
 - Windows text-resizing settings

Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)
EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019-11) AND 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 [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.1.1 (Web) • 10.1.1.1 (Non-web document) • 11.1.1.1.1 (Open Functionality Software) • 11.1.1.1.2 (Closed Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: 1) Almost all images have compliant alternative text. Insufficiencies for non-text content other than images are noted in 1.2.</p> <p>2)The Spotify® Web Player has images on user interface control labels with no alt text, but accessible names do programmatically exist for the controls.</p> <p>3) An SVG with the role of image (the Spotify® logo) appears on the Spotify® login page, but it has no alt text. This SVG with an image of text appears to be a page heading.</p> <p>Electronic Docs: All non-text content has an appropriate text alternative.</p> <p>Software: For the Spotify® desktop app: Images without accessible names or descriptions were not found. Many audio files have text alternative (lyrics).</p> <p>Authoring Tool: The Atto Editor passes this criterion.</p>
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.2.1 (Web) • 10.1.2.1 (Non-web document) • 11.1.2.1.1 (Open Functionality Software) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Most audio-only content found in this course is the Spotify® audio. Spotify® has added lyrics (text alternative) to many of the selections they offer. But not all content has text alternative, especially the older content. Video-only content was not found.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<p>Electronic Docs: Audio or video-only content is not contained in PDF documents associated with the course.</p> <p>Software: Most audio-only content found in this course is the Spotify® audio. Spotify® has added lyrics (text alternative) to many of the selections they offer. But not all content has text alternative, especially the older content. Video-only content was not found.</p> <p>Authoring Tool: The Atto editor can add and display video. If the video is 'video-only' it can add an audio alternative. If adding 'audio-only' then Atto can be used to add text alternative such as a transcript.</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.2.2 (Web) • 10.1.2.2 (Non-web document) • 11.1.2.2 (Open Functionality Software) • 11.1.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports.</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Much synchronized video content in <i>OnAfrican American Music</i> currently has captions. The addition of captions to all synchronized video content is currently either in progress or planned. All synchronized video content should have captions in the future.</p> <p>Electronic Docs: PDF documents associated with the course do not have synchronized video content.</p> <p>Software: The Spotify® desktop app is not used to play synchronized video in this course.</p> <p>Authoring Tool: Caption files can be added by authors and viewed users in synchronized video added to the pages by this tool.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.2.3 (Web) • 10.1.2.3 (Non-web document) • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Does not support.</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Audio descriptions for synchronized video content are not included. Transcripts are not provided for most synchronized video content. Toolbar Discover Video videos are deemed supplemental and can be suppressed from the course until they are compliant, if needed. Please note content presented exclusively in video is not included on assessments or exams.</p> <p>Electronic Docs: Synchronized media is not contained in PDF documents associated with the course.</p> <p>Software: The Spotify® desktop app is not used to play synchronized video in this course.</p> <p>Authoring Tool: The Atto editor can be used to create an accessible transcript for synchronized video content.</p>
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	<p>Web: Partially Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Partially supports</p>	<p>Web: 1) There are issues in some lesson pages and the course preamble page with data tables that do not programmatically reveal the relationships between the data cells and table headers. One list was found with structural problems.</p> <p>2) The supplemental toolbar has features such as Keywords and Listening Guides that overly rely on visual layout to express relationships among information. The Timeline feature on the toolbar has issues with visually hidden content being programmatically available to assistive technology users, which hinders the</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<p>clarity of the information for these users.</p> <p>3) The quizzes and exams have a visual heading on the start page that is not a programmatic heading. Also, during the quiz process two programmatic headings were found that are not visually identifiable as headings.</p> <p>4) The written assignments submission status data table has no header cells, making the relationship among data less clear.</p> <p>5) The Spotify® web player login page does not have a heading structure and appears to be headed by an unlabeled graphic element.</p> <p>Electronic Docs: PDF documents associated with the course convey meaning and structure programmatically. (Download the PDF for best experience)</p> <p>Software: The Spotify® desktop app login pane has an unlabeled toggle control for 'Show Password'.</p> <p>Authoring Tool: Correctly configured lists and headings, tables and other information structures can be created using the Atto editor. Regarding the basic functions of the user interface, information, structure, and relationships conveyed visually are also presented programmatically.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.3.2 (Web) • 10.1.3.2 (Non-web document) • 11.1.3.2.1 (Open Functionality Software) • 11.1.3.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: The required lesson content supports meaningful sequence. Two tools in the supplemental toolbar have some information that is not programmatically positioned in a meaningful sequence.</p> <p>Electronic Docs: The reading and navigation order (determined by code order) of the content is logical and intuitive</p> <p>Software: The Spotify® desktop app information is presented in a meaningful order for all users.</p> <p>Authoring Tool: The correct sequence is programmatically determinable among the Atto editor interface and components.</p>
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.3.3 (Web) • 10.1.3.3 (Non-web document) • 11.1.3.3 (Open Functionality Software) • 11.1.3.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Instructions provided for understanding and operating course content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound.</p> <p>Electronic Docs: Instructions to use the content does not rely on sensory characteristics.</p> <p>Software: For the Spotify® desktop app: instructions to use the content do not rely on sensory characteristics.</p> <p>Authoring Tool: Instructions to use the content does not rely on sensory characteristics.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.4.1 (Web) 10.1.4.1 (Non-web document) 11.1.4.1 (Open Functionality Software) 11.1.4.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: 1) Two tools in the supplemental toolbar rely on color alone to indicate which element is currently selected.</p> <p>2) At default settings, in quizzes, the correctly answered question links are 'green with checkmark' if correct (conforming) but the incorrect questions are simply red -which does not provide the incorrect status in another accessible way as it relies only on color. The unanswered questions are simply white, also non-conformant.</p> <p>Electronic Docs: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p> <p>Software: For the Spotify® desktop app: color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p> <p>Authoring Tool: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. As well, compliant content can be created with this authoring tool, such as underlined links.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.2 (Web) • 10.1.4.2 (Non-web document) • 11.1.4.2 (Open Functionality Software) • 11.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Automatically playing content is not present in the course content.</p> <p>Electronic Docs: Automatically playing content is not in the content.</p> <p>Software: For the Spotify® desktop app: automatically playing content is not in the content.</p> <p>Authoring Tool: Nothing in the authoring tool automatically plays, and content can be created that does not automatically play.</p>
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>Web: 1) In the lesson pages, the enlarge button on the images cannot be implemented using the keyboard alone.</p> <p>2) There are a few 'click to play' music score features among the lesson pages that cannot be activated with the keyboard.</p> <p>3) In the supplemental toolbar three tools have some interactive content that cannot be activated using the keyboard alone.</p> <p>4) The Quiz navigation block question links (which are inactive at default settings) show tooltip popup text 'Correct' and 'Incorrect' when hovered with the mouse. Unanswered questions show 'Not complete'. This could be</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>considered essential information, but it is not available to keyboard users. Please note that alternate ways exist during the quiz process and immediately after that let users know if their responses to quiz questions are correct or incorrect, but this navigation block feature is static and can be accessed by mouse users anytime during the quiz to learn the status of any question.</p> <p>5) In written assignment submission areas, the 'view full' control (the '+' icon link) that expands a user's submitted online text submission is not keyboard accessible.</p> <p>6) A media player was found on a lesson page that has keyboard shortcuts and settings that cannot be accessed by the keyboard alone. Further, if opened, there is a settings panel view that cannot be dismissed by any means other than page reload.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>Electronic Docs: All interactive content is keyboard accessible.</p> <p>Software: For the Spotify® desktop app: the show/ hide password button cannot be reached using keyboard alone on the desktop app login pane.</p> <p>Authoring Tool: Interactive controls and content is keyboard accessible.</p>
<p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: A keyboard trap exists in the Firefox web browser only when using keyboard navigation through some interactive, enlargable images. The keyboard focus gets stuck on the zoom control of the image. This issue is confined to Firefox only. Chrome and Edge do NOT experience any keyboard traps in the content and should be considered an alternative until this issue is repaired.</p> <p>Electronic Docs: Supports</p> <p>Software: Keyboard traps were not detected in the Spotify® desktop app when playing course audio.</p> <p>Authoring Tool: Keyboard traps were not detected.</p>
<p><u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.1.4 (Web) • 10.2.1.4 (Non-web document) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p>	<p>Web: YouTube uses only letter (including upper- and lower-case letters), punctuation, number, or symbol characters shortcuts that cannot be turned off. Some YouTube videos are embedded in lesson pages and are supplemental to the lessons and learning objectives. Character key shortcuts are in effect only when the</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 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) <p>Revised Section 508 – Does not apply</p>	<p>Authoring Tool: Supports</p>	<p>YouTube window has focus. All other content in the course was found to support the Character Key Shortcut rule</p> <p>Electronic Docs: Supports, keyboard shortcuts not used.</p> <p>Software: Supports, keyboard shortcuts can only be used when the interface has focus in the Spotify® desktop app</p> <p>Authoring Tool: Supports, keyboard shortcuts can only be used when the authoring tool interface has focus.</p>
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: By default, time limits are present in the course only during exams, which is an essential exception.</p> <p>Electronic Docs: Time limits not present.</p> <p>Software: Time limits are not present when playing course audio in the Spotify® desktop app.</p> <p>Authoring Tool: Supports, time limits are not present.</p>
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.2.2 (Web) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p>	<p>Web: Moving, blinking, content is not present. In timed exams, an auto-updating timer is at the bottom of the page, but it is not presented in parallel with the other content. Quizzes are not</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 10.2.2.2 (Non-web document) • 11.2.2.2 (Open Functionality Software) • 11.2.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>timed by default, but when they are, this timer is present in quizzes too.</p> <p>Electronic Docs: Moving, blinking, or auto-updating content is not present.</p> <p>Software: Moving, blinking, or auto-updating content is not present in the Spotify® desktop app.</p> <p>Authoring Tool: Moving, blinking, or auto-updating content is not present.</p>
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Flashing content is not present</p> <p>Electronic Docs: Flashing content is not present</p> <p>Software: Flashing content is not present in the Spotify® desktop app.</p> <p>Authoring Tool: Flashing content is not present</p>
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p>	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p>	<p>Web: The lesson pages, quizzes, exams, and assignments have skip links. The Spotify® web player does not have bypass links to bypass areas of repeated content such as left side</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 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 • 11.2.4.1 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 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 	<p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>user menu, player controls, and current selection information.</p> <p>The Spotify® web player login page has no skip link.</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable.</p> <p>Authoring Tool: The toolbar interface of the editor can be tabbed over with one tab key press, when desired. The toolbar interface utilizes arrow navigation.</p>
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: All pages were titled.</p> <p>Electronic Docs: All PDF documents have a title property</p> <p>Software: Not applicable</p> <p>Authoring Tool: The Atto editor is embedded in a parent page that is titled.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Most content has a logical focus order that preserves meaning and aids use. However:</p> <p>1) During interactions in two of the supplemental toolbar pop-up windows, keyboard focus is not always moved automatically to newly appearing focusable content, nor is keyboard focus one key press away from newly appearing focusable content.</p> <p>2) Keyboard focus can escape the supplement toolbar pop-up windows when the screen reader is in use.</p> <p>3) In written assignments when selecting 'Add submission' and the Atto editor is added to the page, the newly revealed content is not focused nor dependably one keypress away from focus. Also, when selecting the 'Submit' button to start the process of submitting a draft response, the 'Edit submission' button and 'Submit assignment' button are added to the page. It is expected that the focus would be on the newly revealed content or be one keypress away from the newly revealed content. But the focus instead goes up to the top of the page.</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports, focus order is logical</p>
<p>2.4.4 Link Purpose (In Context) (Level A)</p>	<p>Web: Partially supports</p>	<p>Web: 1) Some non-functioning links with no text or accessible name appear</p>

Criteria	Conformance Level	Remarks and Explanations
<p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>at the bottom of modal pop-up windows.</p> <p>2) There is one non-functioning link with no text and no accessible name appearing in the text input area of written assignment pages.</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>
<p><u>2.5.1 Pointer Gestures</u> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508 – Does not apply</p>	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Multipoint or path-based gestures are not required.</p> <p>Electronic Docs: Multipoint or path-based gestures are not required.</p> <p>Software: Multipoint or path-based gestures are not required to hear course audio in the Spotify® desktop app.</p> <p>Authoring Tool: Multipoint or path-based gestures are not required.</p>
<p><u>2.5.2 Pointer Cancellation</u> (Level A 2.1 only)</p> <p>Also applies to:</p>	<p>Web: Supports</p> <p>Electronic Docs: Supports</p>	<p>Web: The down-event of the pointer is not used to execute any part of functions.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.2 (Web) • 10.2.5.2 (Non-web document) • 11.2.5.2 (Open Functionality Software) • 11.2.5.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Electronic Docs: The down-event of the pointer is not used to execute any part of functions.</p> <p>Software: The down-event of the pointer is not used to execute any part of functions in the Spotify® desktop app.</p> <p>Authoring Tool: The down-event of the pointer is not used to execute any part of functions.</p>
<p>2.5.3 Label in Name (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.3 (Web) • 10.2.5.3 (Non-web document) • 11.2.5.3.1 (Open Functionality Software) • 11.2.5.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports:</p>	<p>Web: (As per the WCAG 2.1 documentation, the term label is not limited to the label element in HTML.)</p> <p>1) The C4Elink logo image is a link with the accessible name “logo home” but the text in the logo image reads “C4Elink”.</p> <p>2) In one lesson page, a ‘click to play score’ feature was found with a visible control name that did not match the accessible name.</p> <p>Electronic Docs: For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p> <p>Software: For user interface components with labels that include text or images of text in the Spotify®</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>desktop app, the name contains the text that is presented visually.</p> <p>Authoring Tool: For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p>
<p><u>2.5.4 Motion Actuation</u> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.4 (Web) • 10.2.5.4 (Non-web document) • 11.2.5.4 (Open Functionality Software) • 11.2.5.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Motion does not activate content.</p> <p>Electronic Docs: Motion does not activate content.</p> <p>Software: Motion does not activate content in the Spotify® desktop app.</p> <p>Authoring Tool: Motion does not activate content.</p>
<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>Web: The default language of each page is correctly specified.</p> <p>Electronic Docs: The document default language is specified.</p> <p>Software: A language specification within this app could not be determined. NOTE: the Spotify® desktop app does permit users to specify their language in preferences.</p>

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		Authoring Tool: This tool is embedded in a parent page with a default language correctly specified.
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: When any user interface component receives focus, it does not initiate a change of context.</p> <p>Electronic Docs: Focus does not cause a change of context.</p> <p>Software: Focusing interactive elements within the Spotify® desktop app does not cause a change of context.</p> <p>Authoring Tool: When any component receives focus, it does not initiate a change of context.</p>
<p><u>3.2.2 On Input</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Authoring Tool:</p>	<p>Web: Two issues were found:</p> <ol style="list-style-type: none"> 1) Two list-boxes were found that changed the page context when the list was explored with the arrow keys using keyboard navigation. 2) A video player was found in a lesson page that will close the caption settings panel if a user changes a setting. <p>Electronic Docs: Supports</p>

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		Software: Unexpected changes on user input were not detected in the Spotify® desktop app. Authoring Tool: Supports
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.3.1 (Web) • 10.3.3.1 (Non-web document) • 11.3.3.1.1 (Open Functionality Software) • 11.3.3.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Supports. If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.</p> <p>Electronic Docs: Not applicable</p> <p>Software: The Spotify® Desktop app login pane does not provide an error if one of the required fields is empty.</p> <p>Authoring Tool: Automatic errors are not detected.</p>
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.3.2 (Web) • 10.3.3.2 (Non-web document) • 11.3.3.2 (Open Functionality Software) • 11.3.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Labels and instructions are almost always provided. However, some exceptions were found.</p> <p>1) Fill in the blank (cloze) questions are present that utilize either an input text field with a hidden label of 'answer' OR underline characters to present a visual 'blank'. Most often the input text field has no visible label at all. It is required that each input has a visible label. Also, ideally instructions to "Provide the missing word" (or something similar) should be added to ensure that users</p>

Criteria	Conformance Level	Remarks and Explanations
<p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<p>know how to proceed. If case is sensitive, then that should be added as well.</p> <p>Electronic Docs: Form elements are not present.</p> <p>Software: Visible labels and instructions are provided as required in the Spotify® desktop app when user input is required.</p> <p>Authoring Tool: Visible labels are provided.</p>
<p><u>4.1.1 Parsing</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: A few very low-level parsing warnings were detected with no disruption to functionality</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: No parse errors detected.</p>
<p><u>4.1.2 Name, Role, Value</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p>	<p>Web: Partially supports</p>	<p>The name, roles, and values of user interface components are almost always well provided in the OnAfrican</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 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) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Electronic Docs: Supports</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>American Music course. However, some exceptions were noted.</p> <p>Web:</p> <p>1) There is an issue with misconfigured or missing aria-roles in the main menubar.</p> <p>2) The supplemental toolbar pop-up tools have several issues with missing or misconfigured aria-roles on interactive content, links with no name, and iFrames without the title attribute. Interacting with buttons in some tools will cause content to be added to the pop-up window but users are not notified about this change.</p> <p>3) On the lesson pages in pop-up windows, a few inactive links were found having no link text or accessible name. Also, some iFrame elements were found with no title attribute. Tables were found on multiple lesson pages that misuse table aria roles and utilize accessible names that were not descriptive of their content. The pop-up informational tools attempt to utilize ARIA attribute element IDs that does not exist on the page.</p> <p>4) There is an unlabeled, inactive link in the assignment page near the submission text input field.</p> <p>5) In the Spotify Web Player, When the Spotify link is clicked in the text, and the pop-up window opens, if the user had previously played a selection, that previous selection is still loaded in the player that appears at the bottom of the</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>Web Player page. The new selection that was just chosen is queued the main panel. Both selections have similar buttons named “play”. This could be confusing. Also, there are multiple misconfigured or missing aria-roles in the Spotify® Web Player. Multiple SVG visual elements with the role of image do not have alternative text in the in the Spotify® Web Player interface. These SVGs should not have the role of image as they are not needed to title and name controls. Accessible names do exist for the player controls.</p> <p>Electronic Docs: Supports. Interactive components in PDF documents have programmatically determinable names.</p> <p>Software: In the Spotify® desktop application, here are a few controls that have NULL names. However, in checking with assistive technology, accessible names are being provided to AT for components IF they are keyboard accessible. The Desktop app login pane has one element with no name: the show/hide password button.</p> <p>Authoring Tool: The names, roles, and value of components can be programmatically determined</p>

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.4 Captions (Live)</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Live media is not presented.</p> <p>Electronic Docs: Live media is not presented.</p> <p>Software: Live media is not presented in the Spotify® desktop app when playing course audio.</p> <p>Authoring Tool: Live media is not presented and is beyond the functionality of the Atto editor.</p>
<p><u>1.2.5 Audio Description (Prerecorded)</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	<p>Web: Does not support</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Does not support</p>	<p>Web: Video players used in this course do not have audio description controls, and audio descriptions are not included in the video audio track. If needed, supplemental videos in the Discover Video toolbar feature can be suppressed from the course.</p> <p>Electronic Docs: Synchronized video media is not used.</p> <p>Software: Synchronized video media is not used in the Spotify® desktop app when playing course audio.</p> <p>Authoring Tool: Audio descriptions cannot be added to synchronized video media or displayed with the Atto editor.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p><u>1.3.4 Orientation</u> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 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) <p>Revised Section 508 – Does not apply</p>	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Orientation is not restricted in the content.</p> <p>Electronic Docs: Orientation is not restricted in the content.</p> <p>Software: Orientation is not restricted in the Spotify® desktop app.</p> <p>Authoring Tool: Orientation is not restricted in the Atto editor interface or the parent page where it is embedded.</p>
<p><u>1.3.5 Identify Input Purpose</u> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 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) <p>Revised Section 508 – Does not apply</p>	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: In the login page of the Spotify® web player, the username and password fields do not have autocomplete configured.</p> <p>Electronic Docs: Input fields collecting information about the user are not present.</p> <p>Software: In the login pane of the Spotify® Desktop App, the password fields does not have autocomplete</p> <p>Authoring Tool: Input fields collecting information about the user are not present in the Atto editor.</p>
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p> <p>Also applies to:</p>	<p>Web: Partially supports</p>	<p>Web: 1) Most content in the course is contrast compliant, but some contrast insufficiencies exist with</p>

Criteria	Conformance Level	Remarks and Explanations
<p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Partially supports.</p>	<p>links, mostly in the non-lesson pages.</p> <p>2) Lower-level headings in a few lessons were styled with insufficient contrasting color combinations.</p> <p>3) Buttons were found in assignment and quiz pages with insufficient contrast levels.</p> <p>Electronic Docs: Supports</p> <p>Software: No color contrast issues were found when playing course audio in the Spotify® desktop app.</p> <p>Authoring Tool: Users can check contrast in content created by the Atto editor by using the 'Accessibility checker' option. However, the icons on the control panel labels do not meet user interface contrast requirements for non-text.</p>
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	<p>Web: Partially supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Some issues with resizing and magnifying content exist:</p> <p>1) Using the Firefox web browser, on screens smaller than about 1600px wide, users cannot open the Spotify® popup windows if they are zoomed beyond 150%. Chrome and Edge users do not have this issue and persons using magnification or text re-sizing should consider using one of those web browsers when taking this course.</p> <p>2) Some text in the lesson pages uses justified alignment styling, and</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<p>gaps appear when the text is resized.</p> <p>3) Some content that opens in pop-up modal windows from lesson pages and the toolbar will display with cut-off content when zoomed to enlarge text.</p> <p>4) On Unit Introduction pages a scrollable transcript appears cut off and is not scrollable when resizing text by zooming the with the web browser to 200%.</p> <p>Electronic Docs: Content will resize</p> <p>Software: Supports. Text seen in the Spotify® desktop app will resize with no loss of functionality using the app's own built in zoom feature.</p> <p>Authoring Tool: Content resizes, including the icons on controls.</p>
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p>	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Two issues exist:</p> <p>1) On the course preamble page, a link using an image of text for 'Top of page' exists.</p> <p>2) The image of text "enlarge" found under images could be replaced with text at no loss of presentation.</p> <p>Electronic Docs: Text is used to convey information rather than images of text, except for allowed content such as logos.</p> <p>Software: Supports.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<p>Authoring Tool: Text is used to convey information rather than images of text, except for allowed content such as logos.</p>
<p>1.4.10 Reflow (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.10 (Web) • 10.1.4.10 (Non-web document) • 11.1.4.10 (Open Functionality Software) • 11.1.4.10 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: 1) Some content that opens from the lesson pages and toolbar have pop-up modal windows that cannot reflow without loss of function. tool bar and from the lesson pages.</p> <p>2) The scrollable transcripts on the 'Unit Introduction' pages will not reflow and appear cut off when presented through a very small viewport.</p> <p>Electronic Docs: Supports, documents will reflow in an acceptable manner.</p> <p>Software: Typical zoom in/out functions (shortcuts +, -, and ctrl (cmd), can be used to enlarge the desktop Spotify® app to 400% and the content does successfully reflow.</p> <p>Authoring Tool: Supports, reflow is acceptable.</p>
<p>1.4.11 Non-text Contrast (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.11 (Web) • 10.1.4.11 (Non-web document) • 11.1.4.11 (Open Functionality Software) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p>	<p>Web: 1) In the written assignment pages, file picker icons that help operate the submission functions fail non-text contrast requirements.</p> <p>Electronic Docs: Non-text content important to understanding has sufficient contrast.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.1.4.11 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Authoring Tool: Partially supports</p>	<p>Software: The Spotify® Desktop App has sufficient non-text contrast.</p> <p>Authoring Tool: Many of the controls in the Atto editor have icons on the labels that fail contrast requirements.</p>
<p>1.4.12 Text Spacing (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.12 (Web) • 10.1.4.12 (Non-web document) • 11.1.4.12 (Open Functionality Software) • 11.1.4.12 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Web: Supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: The web-based content in this course seems to support text spacing overrides with no loss of functionality. Please note that the Spotify® Web Player may need to be opened in a browser window instead of the pop-up window to achieve text re-spacing.</p> <p>Electronic Docs: This criterion applies only to content implemented using markup languages.</p> <p>Software: This criterion applies only to content implemented using markup languages.</p> <p>Authoring Tool: Users can respace text within the authoring tool editing area using their own apps. The authoring tool does not restrict this.</p>
<p>1.4.13 Content on Hover or Focus (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.13 (Web) • 10.1.4.13 (Non-web document) • 11.1.4.13 (Open Functionality Software) 	<p>Web: Partially supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Does not support</p>	<p>Web: 1) The tooltip definitions in some of the lesson pages do not have a method of dismissing without removing keyboard focus or moving hover.</p> <p>2) The Spotify® Web Player controls have custom non-hoverable tool tips displaying text names for the player controls. The tooltips persist when</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.1.4.13 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	<p>Authoring Tool: Supports</p>	<p>the keyboard focus is on them, but they do not persist when hovering</p> <p>Electronic Docs: Not applicable</p> <p>Software: The Spotify® Desktop Application player controls have non-hoverable tool tips displaying text names for the player controls. The tooltips persist when the keyboard focus is on them, but they do not persist when hovering.</p> <p>Authoring Tool: The Atto editor does not use custom tooltips, sub-menus, and other nonmodal popups that display on hover and focus.</p>
<p><u>2.4.5 Multiple Ways</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Users can navigate this web-based course by using the ‘next’ or ‘previous’ page buttons, the drop-down page list box, breadcrumbs, and the course homepage list of page links.</p> <p>Electronic Docs: Course PDF documents contain bookmarks to provide alternate ways of navigation within the document. Some documents may also provide a table of contents.</p> <p>Software: Not applicable.</p> <p>Authoring Tool: The Atto editor is embedded into web pages and as such does not supply a way to locate a web page within a set of web pages.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
<p><u>2.4.6 Headings and Labels</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.4.6 (Web) 10.2.4.6 (Non-web document) 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Headings and labels are descriptive.</p> <p>Electronic Docs: When headings and labels are provided, they are descriptive.</p> <p>Software: When headings and labels are provided, they are descriptive.</p> <p>Authoring Tool: The visible labels in the Atto editor toolbar are icons. The icons that are used are common ones for the functions they represent. The title elements and alt text for these control icons are descriptive and provide descriptive accessible names for assistive technology users. Headings and labels within Atto functions are descriptive, when they are provided.</p>
<p><u>2.4.7 Focus Visible</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.4.7 (Web) 10.2.4.7 (Non-web document) 11.2.4.7 (Open Functionality Software) 11.2.4.7 (Closed Software) 11.8.2 (Authoring Tool) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: There is visible focus style for many elements in the course, however, not all interactive elements receive a visible focus at this time.</p> <p>Electronic Docs: Supports. Focus is not disabled.</p> <p>Software: When playing the course audio using keyboard navigation, focus is visible on interactive</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		<p>components in the Spotify® desktop app.</p> <p>Authoring Tool: Using keyboard navigation to operate the Atto editor, focus was visible on interactive components.</p>
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.3.1.2 (Web) 10.3.1.2 (Non-web document) 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Software: Partially supports</p> <p>Authoring Tool: Supports</p>	<p>Web: One passage of German language was found in a lesson page that had no language tags.</p> <p>Electronic Docs: Supports. No language other than the default language of the document is present.</p> <p>Software: A language specification for the Spotify® desktop app could not be determined. However, assistive technologies such as screen readers seemed to have no issues with reading the content. In playing course audio during the audit, no languages other than the default language of the application were found.</p> <p>Authoring Tool: Supports. No language other than the default language of the parent web page is present. The Atto Editor can be used to manually add language tags to content with sufficient coding knowledge.</p>
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to:</p>	<p>Web: Supports</p> <p>Electronic Docs: Not applicable</p>	<p>Web: Navigational mechanisms that are repeated on multiple pages within the course occur in the same</p>

Criteria	Conformance Level	Remarks and Explanations
<p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 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 	<p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>relative order each time they are repeated.</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: The Atto editor is embedded in pages and the navigational mechanisms of the parent page take precedence for this criterion. However, all tool controls and features are consistently repeated in each instance of the editor across the multiple pages in which the editor appears.</p>
<p><u>3.2.4 Consistent Identification</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.2.4 (Web) • 10.3.2.4 (Non-web document) – Does not apply • 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) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software 	<p>Web: Supports</p> <p>Electronic Docs: Not applicable</p> <p>Software: Not applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Components that have the same functionality within the course are identified consistently.</p> <p>Electronic Docs: Not applicable.</p> <p>Software: Not applicable</p> <p>Authoring Tool: In the Atto editor, components that have the same functionality are identified consistently on all pages on which the editor is present.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.3.3.3 (Web) 10.3.3.3 (Non-web document) 11.3.3.3 (Open Functionality Software) 11.3.3.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: If an input error is automatically detected in a quiz or assignment response/submission, and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.</p> <p>Electronic Docs: Supports. PDF documents included with this course do not require user input.</p> <p>Software: Required user input when playing course audio in the Spotify® desktop app is limited to the login pane. When errors are automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security of the content.</p> <p>Authoring Tool: The Atto editor may automatically provide suggestion/correction of some code errors such as mismatched HTML tags. The parent page containing the Atto editor can provide automatic error suggestions for issues such as attempts to submit blank submissions, or attempts to submit a disallowed file type, etc.</p>
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p>	<p>Web: Supports</p>	<p>Web: We offer academic exams and assignments, and most instructors choose to make final submissions</p>

Criteria	Conformance Level	Remarks and Explanations
<p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.3.4 (Web) • 10.3.3.4 (Non-web document) • 11.3.3.4 (Open Functionality Software) • 11.3.3.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>irreversible. However, there is always a multi-part error prevention system in place to help student review and confirm their submissions. We offer system settings to professors that can make exams and assignments more editable after submission when they feel it is appropriate for their students.</p> <p>Electronic Docs: Supports. PDF documents included in this course do not require user input.</p> <p>Software: No legal or financial transactions are needed to play course audio on the Spotify® desktop app.</p> <p>Authoring Tool: An automatic saving feature helps to save user data in case internet connection is disrupted, or significant time elapses during entry. Saved data can be edited. Submission of assignments is a process that is separate from the Atto editor.</p>
<p><u>4.1.3 Status Messages</u> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 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 	<p>Web: Partially supports</p> <p>Electronic Docs: Supports</p> <p>Authoring Tool: Supports</p> <p>Software: Not applicable</p>	<p>Web: 1) Submission of individual answers to quiz or exam questions, and completion statuses of answered questions are not always programmatically determined through roles or other properties making them available to assistive technologies.</p> <p>2) During the written assignment draft-saving or submission process, status alerts can be added to the</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>		<p>page that are not programmatically determined through roles or other properties making them available to assistive technologies.</p> <p>Electronic Docs: Supports. Status messages are not needed when interacting with these documents.</p> <p>Authoring Tool: The Atto editor is embedded in written assignment pages. Details for written assignments are found under ‘web’. When relevant, the Atto editor does provide status messages about automatically saving content, or lost internet connections.</p> <p>Software: Not applicable to this technology type.</p>

Table 3: Success Criteria, Level AAA

Notes: This table is removed. The product is not evaluated at this level of conformance.

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Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes: All content in *OnAfrican American Music* is covered by the WCAG 2.0 guidelines, reported alongside the WCAG 2.1 in Table 1 and Table 2. However, the content does not completely support all WCAG 2.0 criteria. In cases where the status is less than ‘supports’, the FPC criteria is mapped to the WCAG 2.0 guidelines.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio, Video-only • As described in 1.2.3 and 1.25 Audio description/media alternative • As described in 1.3.1 Info and Relationships • As described in 1.4.1: Use of color • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 4.1.2 Name, role, and value
302.2 With Limited Vision	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio, Video-only • As described in 1.2.3 and 1.25 Audio description and media alternative • As described in 1.3.1 Info and Relationships • As described in 1.4.1 Use of color • As described in 1.4.3 Contrast (minimum) • As described in 1.4.4 Resize text • As described in 1.4.5 Images of text • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 2.4.7 Focus visible • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 3.3.2 Labels or instructions • As described in 4.1.2 Name, role, and value
302.3 Without Perception of Color	Partially supports	<ul style="list-style-type: none"> • As described in 1.4.1 Use of Color • As described in 1.4.3 Contrast (Minimum)

Criteria	Conformance Level	Remarks and Explanations
302.4 Without Hearing	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio and video-only • As described in 1.2.2 Captions • As described in 3.1.2 Language of parts
302.5 With Limited Hearing	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio and video-only • As described in 1.2.2 Captions • As described in 3.1.2 Language of parts
302.6 Without Speech	Supports	Functional performance criteria supported
302.7 With Limited Manipulation	Partially supports	<ul style="list-style-type: none"> • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 4.1.2 Name, role, and value
302.8 With Limited Reach and Strength	Supports	Functional performance criteria supported
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content: • As described in 1.2.1 Audio, Video-only • As described in 1.2.2 Captions • As described in 1.2.3 and 1.25 Audio description/media alternative: • As described in 1.3.1 Info and Relationships • As described in 1.4.1 Use of color • As described in 1.4.5 Images of text • As described in 2.1.1 Keyboard • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order: • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 2.4.7 Focus visible • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 3.3.2 Labels and instructions

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> As described in 4.1.2 Name, role, and value

Chapter 5: [Software](#)

Notes: This chapter reports the evaluation for the Spotify® desktop app, which may optionally be used to play audio selections linked within this course. NOTE: Use of the Spotify® web player is the recommended method of playing the course audio.

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not applicable	The Spotify® desktop app is not platform software.
502.2.2 No Disruption of Accessibility Features	Supports	The Spotify® desktop app supports Windows platform accessibility tools such as contrast settings, text sizing, and magnification.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially supports	On the login pane, the show password button did not have an accessible name. Several buttons and one menu item were found with null names in the software user interface. Also, some buttons had incorrect programmatic patterns (simultaneously using ‘toggle’ and ‘invoke’).
502.3.2 Modification of Object Information	Partially Supports	Some buttons had incorrect programmatic patterns (simultaneously using ‘toggle’ and ‘invoke’ or ‘toggle and ‘expanded’). However, when playing course audio, states and properties that could be set by the user could be set programmatically, including through assistive technology: except the show password control on the login pane.

Criteria	Conformance Level	Remarks and Explanations
502.3.3 Row, Column, and Headers	Supports	When playing course audio, data tables were found to be correctly structured in the Spotify® desktop app.
502.3.4 Values	Supports	Value(s) and sets and ranges of values associated with an object, could be programmatically determined.
502.3.5 Modification of Values	Supports	Values that can be set by the user can be set programmatically, including through assistive technology
502.3.6 Label Relationships	Partially supports	Issues exist with some names for inputs, as per automated testing. However, during testing course audio with assistive technology, all inputs were named and functional except for the show password toggle input on the login pane, and the 'connect to a device' control.
502.3.7 Hierarchical Relationships	Supports	Hierarchical parent child relationships of components, such as lists, appear programmatically determinable.
502.3.8 Text	Supports	The content of text objects, text attributes, and the boundary of text rendered to the screen, are programmatically determinable.
502.3.9 Modification of Text	Supports	Text that can be set by the user is capable of being set programmatically included through assistive technology.
502.3.10 List of Actions	Supports	While testing course audio with assistive technologies, all actions executed on an object were found to be successfully programmatically determinable.
502.3.11 Actions on Objects	Supports	Actions on objects were permitted as expected by assistive technologies while testing course audio.

Criteria	Conformance Level	Remarks and Explanations
502.3.12 Focus Cursor	Supports	The Spotify® desktop app exposes information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components during the process of playing course audio selections.
502.3.13 Modification of Focus Cursor	Supports	In The Spotify® desktop app, focus, text insertion point, and selection attributes that can be set by the user are capable of being set programmatically.
502.3.14 Event Notification	Supports	When testing course audio with assistive technologies, notification of events relevant to user interactions, including but not limited to changes in the component's state(s), value, name, description, or boundary, are available to assistive technology when playing course audio selections.
502.4 Platform Accessibility Features	Supports	The Spotify® desktop app is not platform software.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	During testing, the Spotify® desktop app was found to permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.
503.3 Alternative User Interfaces	Not applicable	The Spotify® desktop app does not provide an alternative user interface.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Supports	Synchronized video is not present or required while playing course audio.
503.4.2 Audio Description Controls	Supports	Synchronized video is not present or required while playing course audio.

Criteria	Conformance Level	Remarks and Explanations
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See <u>WCAG 2.x</u> section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not applicable	The Atto editor is a web-based editor embedded in course web pages, and does not convert content from one format to another
504.2.2 PDF Export	Not applicable	The Atto editor is not capable of PDF export, and that function is not needed within the course.
504.3 Prompts	Partially supports	The Atto editor has a built-in accessibility checker that checks and reports accessibility statuses for some WCAG 2.0 Success Criteria and Conformance Requirements.
504.4 Templates	Not applicable	Templates are not provided by the Atto editor.

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
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Accessibility features are not required by Chapters 4 and 5. Built-in accessibility features are not provided.
602.3 Electronic Support Documentation	See <u>WCAG 2.x</u> section	See information in WCAG 2.x section

Criteria	Conformance Level	Remarks and Explanations
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	All support documentation is electronic.
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Connect For Education® Technical Support can provide information about accessibility features of our products by emailing to support@connect4education.com or by calling Technical Support at 1.7038801180 ext. 200.
603.3 Accommodation of Communication Needs	Supports	<p>Connect For Education® customers have access to electronic support through support@connect4education.com or by calling Technical Support at 1.7038801180 ext. 200. Our staff will adapt communication to the needs of our users.</p> <p>Hearing-impaired customers in the U.S. who wish to speak to a Technical Support specialist may also use a telecommunications relay service (TRS). Information about the TRS is available at http://www.fcc.gov/cgb/consumerfacts/trs.html and a list of telephone numbers is available at https://www.fcc.gov/general/telecommunications-relay-services-directory. International hearing-impaired customers should use the TRS at +1.605.224.1837. A Technical Support technician will respond to technical issues according to the standard service request process.</p>

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Notes:

Chapter 4: [Functional Performance Statements \(FPS\)](#)

Notes: All content in *OnAfrican American Music* is covered by the WCAG 2.1 guidelines, reported in Table 1 and Table 2. However, the content does not completely support all WCAG 2.1 criteria. In cases where the status is less than ‘supports’, the FPS criteria is mapped to the WCAG 2.1 guidelines.

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio, Video-only • As described in 1.2.3 and 1.25 Audio description/media alternative • As described in 1.3.1 Info and Relationships • As described in 1.4.1: Use of color • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 4.1.2 Name, role, and value • As described in 1.3.5 Identify input purpose • As described in 1.4.10 Reflow • As described in 4.1.3 Status messages
4.2.2 Usage with limited vision	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio, Video-only • As described in 1.2.3 and 1.25 Audio description and media alternative • As described in 1.3.1 Info and Relationships • As described in 1.4.1 Use of color • As described in 1.4.3 Contrast (minimum) • As described in 1.4.4 Resize text • As described in 1.4.5 Images of text • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 2.4.7 Focus visible • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 3.3.2 Labels or instructions • As described in 4.1.2 Name, role, and value • As described in 1.3.5 Identify input purpose • As described in 1.4.10 Reflow • As described in 1.4.11 Non-text contrast. • As described in 1.4.13 Content on hover or focus • As described in 4.1.3 Status messages
4.2.3 Usage without perception of colour	Partially supports	<ul style="list-style-type: none"> • As described in 1.4.1 Use of Color • As described in 1.4.3 Contrast (Minimum) • As described in 1.4.11 Non-text contrast.
4.2.4 Usage without hearing	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio and video-only • As described in 1.2.2 Captions • As described in 3.1.2 Language of parts
4.2.5 Usage with limited hearing	Partially supports	<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content • As described in 1.2.1 Audio and video-only • As described in 1.2.2 Captions • As described in 3.1.2 Language of parts
4.2.6 Usage with no or limited vocal capability	Supports	Functional Performance for this statement is supported.
4.2.7 Usage with limited manipulation or strength	Partially supports	<ul style="list-style-type: none"> • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 4.1.2 Name, role, and value • As described in 2.5.3 Label in name

Criteria		Remarks and Explanations
4.2.8 Usage with limited reach	Supports	<ul style="list-style-type: none"> • As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 4.1.2 Name, role, and value • As described in 2.5.3 Label in name
4.2.9 Minimize photosensitive seizure triggers	Supports	Functional Performance for this statement is supported.
4.2.10 Usage with limited cognition, language or learning		<ul style="list-style-type: none"> • As described in 1.1.1 Non-text content: • As described in 1.2.1 Audio, Video-only • As described in 1.2.2 Captions • As described in 1.2.3 and 1.25 Audio description/media alternative: • As described in 1.3.1 Info and Relationships • As described in 1.4.1 Use of color • As described in 1.4.5 Images of text • As described in 2.1.1 Keyboard • As described in 2.4.1 Bypass blocks • As described in 2.4.3 Focus order: • As described in 2.4.4 Link purpose • As described in 2.4.6 Headings and labels • As described in 2.4.7 Focus visible • As described in 3.1.2 Language of parts • As described in 3.2.2 On input • As described in 3.3.2 Labels and instructions • As described in 4.1.2 Name, role, and value
4.2.11 Privacy	Not applicable	The OnAfrican American courseware does not provide features specifically for accessibility.

Chapter 5: [Generic Requirements](#)

Notes: Not applicable to OnAfrican American Music. This course does not utilize closed functionality components. This chapter is removed.

Chapter 6: [ICT with Two-Way Voice Communication](#)

Notes: Not applicable to OnAfrican American Music. This course does not utilize ICT with Two-Way Voice Communication. This chapter is removed.

Chapter 7: [ICT with Video Capabilities](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
7.1 Caption processing technology	Heading cell – no response required	Heading cell – no response required
7.1.1 Captioning playback	Supports	Where ICT displays video with synchronized audio, there is a mode of operation on all course media players to display the available captions. Where closed captions are provided as part of the content, the ICT allows the user to choose to display the captions.
7.1.2 Captioning synchronization	Supports	The mechanism to display captions preserves synchronization.
7.1.3 Preservation of captioning	Supports	All caption data, when present, is preserved and not removed.
7.1.4 Captions characteristics	Partially supports	Not all synchronized media players in the <i>OnAfrican American Music</i> course provide a way for the user to adapt the displayed characteristics of captions to their individual requirements.
7.1.5 Spoken subtitles	Does not support	When a language other than the default language of the course text (English) is included in synchronized media, and subtitles are present, a mechanism does not exist to speak subtitles aloud.
7.2.1 Audio description playback	Does not support	Audio descriptions are currently not provided for <i>OnAfrican American Music</i> course videos.

Criteria	Conformance Level	Remarks and Explanations
7.2.2 Audio description synchronization	Does not support	Audio descriptions are currently not provided for <i>OnAfrican American Music</i> course videos.
7.2.3 Preservation of audio description	Does not support	Audio descriptions are currently not provided for <i>OnAfrican American Music</i> course videos.
7.3 User controls for captions and audio description	Partially supports	For <i>OnAfrican American Music</i> course videos, closed captions control is provided the same level of interaction as the primary media controls when closed captions are available. However, there is no control for audio descriptions.

Chapter [8: Hardware](#)

Notes: Hardware is not required to use the *OnAfrican American Music* course. This Chapter is removed.

Notes:

Chapter [10: Non-Web Documents](#)

Notes: The *OnAfrican American Music* course is displayed on the web by design and in practice. If a user is not able to use web pages due to a disability, we will provide them with an accessible PDF document of the text lecture content, which contains only the lesson lecture text and no interactive content. The following section refers to the accessible PDF of lecture content under those circumstances only. Also included are downloadable PDF documents published by Connect for Education and linked within the course.

Criteria	Conformance Level	Remarks and Explanations
10.0 General (informative)	Heading cell – no response required	Heading cell – no response required
10.1.1.1 through 10.4.1.3	See WCAG 2.x section	See information in WCAG 2.x section

Criteria	Conformance Level	Remarks and Explanations
10.5 Caption positioning	Supports	Synchronized media is not included in PDF documents.
10.6 Audio description timing	Supports	Synchronized media is not included in PDF documents.

Chapter [11: Software](#)

Notes: This chapter refers exclusively to the Spotify® Desktop App and its user interface when it is used to play the OnAfrican American Music course audio selections.

Criteria	Conformance Level	Remarks and Explanations
11.0 General (informative)	Heading cell – no response required	Heading cell – no response required
11.1.1.1 through 11.4.1.3	See WCAG 2.x section	See information in WCAG 2.x section
11.5 Interoperability with assistive technology	Heading cell – no response required	Heading cell – no response required
11.5.1 Closed functionality	Heading cell – no response required	Heading cell – no response required
11.5.2 Accessibility services	Heading cell – no response required	Heading cell – no response required
11.5.2.1 Platform accessibility service support for software that provides a user interface	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
11.5.2.2 Platform accessibility service support for assistive technologies	See 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17

Criteria	Conformance Level	Remarks and Explanations
11.5.2.3 Use of accessibility services	See information in 11.5.2.5 through 11.5.2.17	See information in 11.5.2.5 through 11.5.2.17
11.5.2.4 Assistive technology	Not applicable	The Spotify® Desktop App is not an assistive technology.
11.5.2.5 Object information	Partially supports	Several buttons and one menu item were found with null names. The show password button did not have an accessible name. Also, some buttons had incorrect programmatic patterns (simultaneously using 'toggle' and 'invoke').
11.5.2.6 Row, column, and headers	Supports	Data tables were found to be correctly structured when playing course audio in the Spotify® Desktop App.
11.5.2.7 Values	Supports	Value(s) and sets and ranges of values associated with an object, could be programmatically determined when playing course audio.
11.5.2.8 Label relationships	Partially supports	Issues exist with some names for inputs, as per automated testing. However, during testing course audio with assistive technology, all inputs were named and functional except for the show password toggle input on the login pane, and the 'connect to a device' control.
11.5.2.9 Parent-child relationships	Supports	Hierarchical parent child relationships of components, such as lists, appear programmatically determinable.
11.5.2.10 Text	Supports	When playing course audio: the content of text objects, text attributes, and the boundary of text rendered to the screen, were programmatically determinable. Text that can be set by the user is capable of being set programmatically included through assistive technology.
11.5.2.11 List of available actions	Supports	While testing course audio with assistive technologies, all actions executed on an object

Criteria	Conformance Level	Remarks and Explanations
		were found to be successfully programmatically determinable.
11.5.2.12 Execution of available actions	Supports	The Spotify® Desktop app allows assistive technology to programmatically execute available actions on objects when playing course audio.
11.5.2.13 Tracking of focus and selection attributes	Supports	The Spotify® Desktop App allows for the tracking of focus when playing course audio.
11.5.2.14 Modification of focus and selection attributes	Supports	The Spotify® Desktop App allows for the modification of focus and selection attributes by assistive technology.
11.5.2.15 Change notification	Supports	Notification of events relevant to user interactions, including but not limited to changes in the component's state(s), value, name, description, or boundary, are available to assistive technology when playing course audio selections.
11.5.2.16 Modifications of states and properties	Supports	When using the Spotify® Desktop app to play course audio, users can successfully modify states and properties with assistive technology.
11.5.2.17 Modifications of values and text	Supports	When using the Spotify® Desktop app to play course audio, users can successfully modify values and text with assistive technology.
11.6 Documented accessibility usage	Heading cell – no response required	Heading cell – no response required
11.6.1 User control of accessibility features	Not applicable	Accessibility features were not detected.
11.6.2 No disruption of accessibility features	Supports	Disruption of accessibility features employed by users were not detected while playing course audio on the Spotify® Desktop app.
11.7 User preferences	Supports	When playing course audio with the Spotify® Desktop app, user preferences for platform

Criteria	Conformance Level	Remarks and Explanations
		settings for colour, contrast, font type, font size, and focus cursor were permitted.
11.8 Authoring tools – NOTE: 11.8 refers to the web-based Atto text editor used to create written assignment submission in the OnAfrican American Music course.	Heading cell – no response required	Heading cell – no response required
11.8.1 Content technology	Heading cell – no response required	Heading cell – no response required
11.8.2 Accessible content creation	See WCAG 2.x section (If not authoring tool, enter “Not Applicable”)	See information in WCAG 2.x section
11.8.3 Preservation of accessibility information in transformations	Not applicable	Transformation of user input is not necessary to complete course work in OnAfrican American music and is not provided by the Atto Editor.
11.8.4 Repair assistance	Supports	When creating written assignment submissions for OnAfrican American Music course work using the Atto editor, users can use built-in the accessibility checker. The accessibility checker offers general suggestions to repair common accessibility errors.
11.8.5 Templates	Does not apply	Templates are not included in the Atto Editor.

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	The OnAfrican American Music course does not include any specific built-in accessibility or compatibility features. However, users experiencing compatibility questions issues may request additional assistance from Connect For Education®.
12.1.2 Accessible documentation	See WCAG 2.x section	See information in 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	The OnAfrican American Music course does not include any specific built-in accessibility or compatibility features. However, users experiencing compatibility questions issues may request additional assistance from Connect For Education®.
12.2.3 Effective communication	Supports	<p>Connect For Education® customers have access to electronic support through support@connect4education.com. Customers may also call Technical Support at 1.7038801180 ext. 200. Our staff will adapt communication to the needs of our users.</p> <p>Hearing-impaired customers in the U.S. who wish to speak to a Technical Support specialist may also use a telecommunications relay service (TRS). Information about the TRS is available at http://www.fcc.gov/cgb/consumerfacts/trs.html, and a list of telephone numbers is available at https://www.fcc.gov/general/telecommunications-relay-services-directory. International hearing-impaired customers should use the TRS</p>

Criteria	Conformance Level	Remarks and Explanations
		at+1.605.224.1837. A Technical Support technician will respond to technical issues according to the standard service request process.
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 chapter is not applicable to the *OnAfrican American Music course* and is removed.

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