

Connect For Education® Accessibility Conformance Report

International Edition

VPAT® Version 2.2

Name of Product/Version:

Web

- OnAmerican Popular Music
- OnMusic Jazz 2nd edition
- OnMusic Rock 3rd edition

Authoring Tool:

Atto HTML editor

Software

The Spotify® desktop app and web player are evaluated.

Support Documentation and Services

- Course Preamble/ Course Information – a web page in each digital text with system and software requirements, as well as technical support email and telephone information.

Product Description: A Learning Management System (web application located at URL <https://lti.c4elink.org>) displaying custom instances of digital textbooks and presented using LTI integration.

Date: 12/18/2018, with updates added 12/2/2019, 10/21/2020, and 7/19/2022

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Notes:

1. Evaluation was completed from a student view of the texts.
2. Tables that were not relevant to these products have been removed from the report. Deletions have been noted in the sections where the tables were located.
3. The OnMusic Rock, OnMusic Jazz and OnAmerican Popular Music texts access the course music through the Spotify® app. A link to Spotify® is provided in the course information page of the texts. The testing of the Spotify® desktop app was conducted from the viewpoint of students using Spotify® with our texts and may not reflect other general uses of the Spotify® app.

Evaluation Methods Used:

A sighted Web Accessibility Specialist familiar with the products 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 texts were explored. Key pages, content, functionalities, and processes were identified.
- 3) A representative structured sample was selected, and random pages were selected from the structured sample. Note: general knowledge of the texts was also employed before a status of 'supports' was given for any specification.
- 4) Successes and failures in meeting each WCAG 2 specification were determined and recorded. Accessibility support for the usability of webpage features was evaluated.
- 5) The following assistive technologies were used when evaluating each page and variation of that page:
 - NVDA screen reader on Firefox Browser
 - Keyboard only input
 - Touch only input
 - Magnification in the browser to 200%
 - Windows High Contrast mode
 - Windows Color Filtering setting

- Windows Text resizing settings.
- Automated testing with Axe by Deque

Applicable Standards/Guidelines

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

| Standards / Guidelines | Included In Report |
|--|---|
| Web Content Accessibility Guidelines 2.0, at http://www.w3.org/TR/2008/REC-WCAG20-20081211/ | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017 Corrections to the ICT Final Rule as published by the US Access Board in the Federal Register on January 22, 2018 | (Yes) |
| EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V1.1.2 (2015-04) at http://mandate376.standards.eu/standard | (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 2.0 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 - Web, Chapter 10 - Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 - Non-Web Software (closed functionality).
- 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 2.0 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"> • 9.2.1 (Web) • 10.2.1 (non-web document) • 11.2.1.1 (Software) • 11.2.2.1 (Closed Functionality Software) • 11.6.2 (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) Three textbook pages randomly selected for testing contained supplemental interactive image-based activities that did not have a text alternative.</p> <p>2) The Spotify® Web Player elements with the role of image have no alt text in the interface, but accessible names do programmatically exist for the controls.</p> <p>3) The Spotify® logo uses an image of text and appears to function as a heading on the Spotify® web player login page, but it has no alt text.</p> <p>Electronic Docs: Supports</p> <p>Software: The Spotify® logo uses an image of text and appears to function as a heading on the Spotify® login page, but it has no alt text.</p> <p>Authoring Tool: The Atto editor supports 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"> • 9.2.2 (Web) • 10.2.2 (non-web document) • 11.2.1.2 (Software) • 11.2.2.2.1 and 11.2.2.2.2 (Closed Software) • 11.6.2 (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 course audio opens through the Spotify® Web Player. Spotify® is now adding text alternatives (lyrics) to many of their selections. Also when lyrics are relevant to the musical idea being discussed, they are included in the lesson text.</p> <p>Electronic Docs: The 'Course Description' PDF document in each course does not contain audio or video.</p> <p>Software: The Spotify® desktop app now includes lyric text for many selections. Lyrics are provided in the text when they are relevant to the musical idea being discussed.</p> <p>Authoring Tool: The Atto editor can create text alternatives for audio and video-only content.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--|---|
| <p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.3 (Web) • 10.2.3 (non-web document) • 11.2.1.3 (Software) • 11.2.2.3 (Closed Software) – Does not apply • 11.6.2 (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 Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: OnMusic Jazz course videos have captioning. Full captioning of OnMusic Rock 3rd edition and OnAmerican Popular Music is in process of being completed. In the case of OnAmerican Popular Music and On Music Rock 3rd edition, videos that do not meet WCAG 1.2.2 are supplemental and, if needed, their inclusion in the text can be suppressed without compromising the academic integrity of the materials.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course does not contain prerecorded audio content in synchronized media</p> <p>Software: The Spotify® desktop app does not present prerecorded synchronized video for course audio.</p> <p>Authoring Tool: The Atto editor can add and display a caption file for synchronized video media.</p> |
| <p>1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.4 (Web) • 10.2.4 (non-web document) • 11.2.1.4 (Software) • 11.2.2.4 (Closed Software) • 11.6.2 (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 Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: Audio descriptions are not included for videos. OnMusic Jazz provides transcripts of the captioning content. OnMusic Rock 3rd edition and OnAmerican Popular Music do not have video transcripts. All videos are deemed supplemental and can be suppressed from the course until they are compliant, if needed. Video content is not included on assessments or exams.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course does not contain prerecorded video content in synchronized media.</p> <p>Software: The Spotify® desktop app does not present prerecorded video content for course audio.</p> <p>Authoring Tool: The Atto editor can create and display a media alternative to synchronized video.</p> |
| <p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.7 (Web) | <p>Web: Partially supports</p> | <p>Web: Most pages are semantically structured and correctly provide information programmatically that is</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|--|
| <ul style="list-style-type: none"> • 10.2.7 (non-web document) • 11.2.1.7 (Software) • 11.2.2.7 (Closed Software) – Does not apply • 11.6.2 (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>presented visually. However some data tables were found that did not have correct table header marking.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course conveys meaning and structure programmatically. (Download the PDF for best experience)</p> <p>Software: The Spotify® desktop app information and relationships visually presented were available programmatically.</p> <p>Authoring Tool: Information, structure and relationships conveyed visually are also presented programmatically.</p> |
| <p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.8 (Web) • 10.2.8 (non-web document) • 11.2.1.8 (Software) • 11.2.2.8 (Closed Software) – Does not apply • 11.6.2 (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: The reading and navigation order (determined by code order) of the text is logical and intuitive.</p> <p>Electronic Docs: The reading and navigation order (determined by code order) of the text is logical and intuitive in the associated 'Course Description' PDF document in each course</p> <p>Software: (The Spotify® desktop app) Information is presented in a meaningful order for all user.</p> <p>Authoring Tool: The correct sequence is programmatically determinable among the Atto editor interface and components.</p> |
| <p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.9 (Web) • 10.2.9 (non-web document) • 11.2.1.9 (Software) • 11.2.2.9 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) | <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 content do not rely solely on sensory characteristics of components.</p> <p>Electronic Docs: In the associated 'Course Description' PDF document in each course, understanding does not rely solely on sensory characteristics.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--|---|
| <ul style="list-style-type: none"> • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | | Software: Use of The Spotify® desktop app does not include reliance on sensory characteristics. Authoring Tool: Sensory characteristics are not needed to understand or operate the Atto editor. |
| <p>1.4.1 Use of Color (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.10 (Web) • 10.2.10 (non-web document) • 11.2.1.10 (Software) • 11.2.2.10 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Web: Partially Supports Electronic Docs: Supports Software: Supports Authoring Tool: Supports | Web: Some links were found in supporting pages that rely on color alone. Electronic Docs: In the associated 'Course Description' PDF document in each course, color alone is not used to convey information. Software: The Spotify® desktop app does not use color to identify controls or differentiate between controls Authoring Tool: Color alone is not used to convey information. |
| <p>1.4.2 Audio Control (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.11 (Web) • 10.2.11 (non-web document) • 11.2.1.11 (Software) • 11.2.2.11 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Web: Supports Electronic Docs: Supports Software: Partially Supports Authoring Tool: Supports | Web: All audio is started by user input and does not proceed automatically Electronic Docs: There is no audio in the associated 'Course Description' PDF document in each course . Software: Audio played by the Spotify® desktop app proceeds only when the user elects to play audio. Authoring Tool: No audio proceeds automatically in the Atto editor. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|---|
| <p>2.1.1 Keyboard (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.15 (Web) • 10.2.15 (non-web document) • 11.2.1.15 (Software) • 11.2.2.15 (Closed Software) • 11.6.2 (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 keyboard accessibility failures are related to the supplemental interactive components of the text. While these problems are being repaired, C4E is happy to provide fully accessible pdf documents of the lecture text. We also can send the “Listen To Lecture” component via audio file download. Course music audio for some of our titles is also available via download.</p> <p>Electronic Docs: Keyboard navigation is possible in the associated 'Course Description' PDF document in each course. (Download the PDF for best experience)</p> <p>Software: For the Spotify® desktop app: the show/hide password button in the login pane cannot be reached using keyboard alone.</p> <p>Authoring Tool: All functionality of the content is operable through a keyboard interface.</p> |
| <p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.16 (Web) • 10.2.16 (non-web document) • 11.2.1.16 (Software) • 11.2.2.16 (Closed Software) – Does not apply • 11.6.2 (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>Keyboard traps were not found in these texts.</p> <p>Electronic Docs: There is no keyboard trap in the associated 'Course Description' PDF document in each course. (Download the PDF for best experience)</p> <p>Software: No keyboard traps were found when using the Spotify® desktop application.</p> <p>Authoring Tool: No keyboard traps are present.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|--|
| <ul style="list-style-type: none"> 602.3 (Support Docs) | | |
| <p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.17 (Web) 10.2.17 (non-web document) 11.2.1.17 (Software) 11.2.2.17 (Closed Software) – Does not apply 11.6.2 (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: Adjustable timing is particularly relevant to our exams. Our settings provide ways to fully adjust or remove timing constraints for classes or individual students.</p> <p>Electronic Docs: No timed content is present in the associated 'Course Description' PDF document in each course.</p> <p>Software: The Spotify® desktop application does not use timing mechanisms.</p> <p>Authoring Tool: The Atto editor does not use timing mechanisms.</p> |
| <p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.18 (Web) 10.2.18 (non-web document) 11.2.1.18 (Software) 11.2.2.18 (Closed Software) – Does not apply 11.6.2 (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: Our texts do not include moving, blinking, scrolling, or auto updating content.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course does not contain moving, blinking, scrolling, or auto-updating content.</p> <p>Software: The Spotify® desktop application does not contain anything that moves, blinks, scrolls, or auto updates content.</p> <p>Authoring Tool: The Atto editor does not contain anything that moves, blinks, scrolls, or auto updates content.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--|---|
| <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"> • 9.2.19 (Web) • 10.2.19 (non-web document) • 11.2.1.19 (Software) • 11.2.2.19 (Closed Software) – Does not apply • 11.6.2 (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 Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: Our texts do not contain anything that flashes more than three times in any one second period</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course does not contain flashing content.</p> <p>Software: The Spotify® desktop application does not contain anything that flashes more than three times in any one second period.</p> <p>Authoring Tool: The Atto editor does not contain anything that flashes more than three times in any one second period.</p> |
| <p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.20 (Web) • 10.2.20 (non-web document) – Does not apply • 11.2.1.20 (Software) – Does not apply • 11.2.2.20 (Closed Software) – Does not apply • 11.6.2 (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>Web: Paritally Supports Electronic Docs: Supports Software: Not applicable Authoring Tool: Supports</p> | <p>Web: Pages have a skip links to pass over repeated blocks of navigation. Pages have headings. Some pages have multiple landmarks or other semantic structures useful for screen reader navigation. The Spotify® does not have skip links to bypass areas of repeated content, but does have landmarked regions.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course contains tagged headings.</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><u>2.4.2 Page Titled</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.21 (Web) • 10.2.21 (non-web document) • 11.2.1.21 (Software) - Does not apply | <p>Web: Partially Supports Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: All content pages were titled. A few pages that load during multi – step processes do not have a title. However, while this is being repaired, users can rely on the heading on the pages to provides the purpose.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|---|
| <ul style="list-style-type: none"> • 11.2.2.21 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | | <p>Electronic Docs: The associated 'Course Description' PDF document in each course are titled.</p> <p>Software: The main Spotify® desktop app pane is titled 'Spotify Free'.</p> <p>Authoring Tool: This tool is embedded in another page and utilizes the parent page name.</p> |
| <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"> • 9.2.22 (Web) • 10.2.22 (non-web document) • 11.2.1.22 (Software) • 11.2.2.22 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <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: In most cases, the sequence of navigation within the pages preserves meaning and operability. However, some issues exist, mostly in the supplemental material that opens from the toolbar. There is one issue with the Spotify® web player lyrics toggle button not fully preserving the expected focus order.</p> <p>Electronic Docs: Focus is received in an order that preserves meaning</p> <p>Software: The Spotify® desktop app lyric toggle button functions do not fully preserve the expected focus order.</p> <p>Authoring Tool: Components receive focus in an order that preserves meaning and operability.</p> |
| <p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.23 (Web) • 10.2.23 (non-web document) • 11.2.1.23 (Software) • 11.2.2.23 (Closed Software) – Does not apply • 11.6.2 (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: Most of our links show their purpose in the link text, or with aria-labeling. However, a few unlabeled links were detected in the supplemental content.</p> <p>Electronic Docs: In the associated 'Course Description' PDF document in each course, link are not present.</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: In the Spotify® desktop app, link text shows purpose. Authoring Tool: All components are clearly labeled for purpose. |
| 3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.27 (Web) • 10.2.27 (non-web document) • 11.2.1.27 (Software) • 11.2.2.27 (Closed Software) • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Web: Partially Supports Electronic Docs: Supports Software: Partially Supports Authoring Tool: Supports | Web: Language attributes are missing in a few supplemental sub-pages seen through iframes. Parent pages contain proper language elements. Electronic Docs: Language is specified in PDFs. Software: A language specification within the Spotify® desktop app could not be determined, however, issues using assistive technologies such as screen reader were not detected. Authoring Tool: The authoring tool is embedded in pages with a language attribute. |
| 3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.29 (Web) • 10.2.29 (non-web document) • 11.2.1.29 (Software) • 11.2.2.29 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Supports | Web: When any component receives focus, it does not initiate a change of context. Electronic Docs: In the associated 'Course Description' PDF document in each course, focus does not cause a change of context. Software: In the Spotify® desktop app, when any component receives focus, it does not initiate a change of context. Authoring Tool: When any component receives focus, it does not initiate a change of context. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|--|
| <p>3.2.2 On Input (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.30 (Web) • 10.2.30 (non-web document) • 11.2.1.30 (Software) • 11.2.2.30 (Closed Software) – Does not apply • 11.6.2 (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: Entering data or selecting a form control has predictable effects in our texts.</p> <p>Electronic Docs: In the associated 'Course Description' PDF document in each course, any user input does not cause unexpected changes.</p> <p>Software: Changing the setting of any user interface component in the Spotify® desktop app does not automatically cause a change of context</p> <p>Authoring Tool: Changes in the value of user interface components does not result in unexpected changes to the page.</p> |
| <p>3.3.1 Error Identification (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.33 (Web) • 10.2.33 (non-web document) • 11.2.1.33 (Software) • 11.2.2.33 (Closed Software) • 11.6.2 (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: Partially Supports</p> <p>Authoring Tool: Supports</p> | <p>Web: In assessments, specific error messages are provided when blank answers are submitted or when other steps in the assessment procedure are violated. However, assessments in this text do not offer error identification for user input BEFORE the assessment question is submitted, to maintain the integrity of the assessment results. After questions are submitted, feedback can be provided for user input, depending on the settings instructors choose to enable.</p> <p>Electronic Docs: Forms are not found in the associated 'Course Description' PDF document in each course.</p> <p>Software: When the login form is submitted with one or more blank fields in the Spotify® desktop app, no error message is given. Other errors are correctly identified and reported to the user.</p> <p>Authoring Tool: This tool does not have automatic error detection.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--|---|
| <p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.34 (Web) • 10.2.34 (non-web document) • 11.2.1.34 (Software) • 11.2.2.34 (Closed Software) – Does not apply • 11.6.2 (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 Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: A few incompletely labeled interface controls in supplemental content were found.</p> <p>Electronic Docs: Forms or other interactive content is not found in the associated 'Course Description' PDF documents in each course.</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: Interactive elements requiring user input have descriptive labels</p> |
| <p>4.1.1 Parsing (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.37 (Web) • 10.2.37 (non-web document) • 11.2.1.37 (Software) • 11.2.2.37 (Closed Software) – Does not apply • 11.6.2 (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 Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: Low impact parsing errors have been identified in about a third of the pages/processes: relating to multiple static elements associated with the same ID and improperly nested list elements.</p> <p>Electronic Docs: The associated 'Course Description' PDF document in each course pass the Adobe accessibility check and do not appear to contain coding errors.</p> <p>Software: No parsing errors were detected in the Spotify® desktop application during testing.</p> <p>Authoring Tool: Supports, no parsing errors found.</p> |
| <p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.38 (Web) • 10.2.38 (non-web document) • 11.2.1.38 (Software) | <p>Web: Partially Supports Electronic Docs: supports Software: Partially Supports Authoring Tool: Supports</p> | <p>Web: For most user interface components the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents. A few issues were found such as the Listen to Lecture Player is</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|--|
| <ul style="list-style-type: none"> 11.2.2.38 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) | | <p>missing some aria-roles. Also, some iFrames were found to not have titles.</p> <p>Electronic Docs: Forms or other interactive content is not found in the associated 'Course Description' PDF document in each course.</p> <p>Software: In the Spotify® desktop app, patterns for a few controls were not correctly configured, and a couple of controls (not essential to play course audio) had null names.</p> <p>Authoring Tool: For any user interface components: the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> |

Table 2: Success Criteria, Level AA

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|--|
| <p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.5 (Web) 10.2.5 (non-web document) 11.2.1.5 (Software) 11.2.2.5 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (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 present in the texts.</p> <p>Electronic Docs: Live media is not found in the associated 'Course Description' PDF document in each course.</p> <p>Software: Live media is not present when playing course audio (Spotify® desktop app)</p> <p>Authoring Tool: The authoring tool does not display live media.</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) | | |
| <p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.6 (Web) • 10.2.6 (non-web document) • 11.2.1.6 (Software) • 11.2.2.6 (Closed Software) – Does not apply • 11.6.2 (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: Partially supports</p> | <p>Web: Most 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 can be suppressed from the course. Video content is supplemental and not assessed on exams or quizzes.</p> <p>Electronic Docs: Synchronized media is not found in the 'Course Description' PDF documents in each course.</p> <p>Software: Synchronized media is not linked to the Spotify® desktop app.</p> <p>Authoring Tool: The Atto editor does not have a native way to add audio description files or controls, but can display videos that include audio description in their audio track.</p> |
| <p>1.4.3 Contrast (Minimum) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.12 (Web) • 10.2.12 (non-web document) • 11.2.1.12 (Software) • 11.2.2.12 (Closed Software) – Does not apply • 11.6.2 (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: Some contrast errors are present and being evaluated for repair. In the meantime, users that are adversely affected may wish to use Windows high contrast mode. All pages tested support high contrast mode.</p> <p>Electronic Docs: Contrast errors were not found in the associated 'Course Description' PDF document in each course.</p> <p>Software: The Spotify® desktop application showed sufficient contrast during testing.</p> <p>Authoring Tool: No contrast errors were found.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|---|
| <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"> • 9.2.13 (Web) • 10.2.13 (non-web document) • 11.2.1.13 (Software) • 11.2.2.13 (Closed Software) • 11.6.2 (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: All essential lecture content supports magnification to 200% with browser zoom. Some supplemental content that opens in popup windows is off the screen when zoomed to 200%. The Spotify® web player pop up window had trouble opening if the Firefox web browser was zoomed over 150%. Chrome and Edge web browsers did not experience this issue.</p> <p>Electronic Docs: Reflow and zoom to 200% can best be seen when applying the 'single page' view in Adobe Acrobat.</p> <p>Software: The Spotify® desktop application works with built in zoom and also Windows text resizing tool.</p> <p>Authoring Tool: Supports zooming with the web browser.</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"> • 9.2.14 (Web) • 10.2.14 (non-web document) • 11.2.1.14 (Software) • 11.2.2.14 (Closed Software) – Does not apply • 11.6.2 (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 main banner image on course home pages, which bears the course title, is an image of text. Each lesson page contains a banner image with the chapter title implemented with an image of text.</p> <p>Electronic Docs: There are decorative images of text in the associated 'Course Description' PDF document that are visual support for content explained in text</p> <p>Software: No images of text were found when testing Spotify® desktop application with the course audio.</p> <p>Authoring Tool: The Atto editor does not use images of text in its interface controls.</p> |
| <p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.24 (Web) • 10.2.24 (non-web document) – Does not apply • 11.2.1.24 (Software) – Does not apply | <p>Web: Supports</p> <p>Electronic Docs: Partially Supports</p> <p>Authoring Tool: Supports</p> <p>Software: Not Applicable</p> | <p>Web: Simple link LTI users can navigate this web-based digital textbook by next or previous page buttons, the drop-down page list box, breadcrumbs, and the course homepage list of page links. Deep link users will use their host LMS navigation controls.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--|---|
| <ul style="list-style-type: none"> • 11.2.2.24 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <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>Electronic Docs: There are no bookmarks in the associated 'Course Description' PDF document for OnMusic Rock or OnAmerican Popular Music. However, these documents are only 6 pages long.</p> <p>Authoring Tool: This tool is embedded in the written assignment pages and occupies only a portion of one page. It is not a web page within a set of web pages except where the Web Page is the result of, or a step in, a process. The Atto editor therefore is not judged by this criterion.</p> |
| <p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.25 (Web) • 10.2.25 (non-web document) • 11.2.1.25 (Software) • 11.2.2.25 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | <p>Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Supports</p> | <p>Web: When headings and labels are provided, they are descriptive.</p> <p>Electronic Docs: When headings and labels are provided, they are descriptive.</p> <p>Software: When headings and labels are provided in the Spotify® desktop app, they are descriptive.</p> <p>Authoring Tool: When provided, labels describe the purpose of the associated toolbar elements</p> |
| <p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.26 (Web) • 10.2.26 (non-web document) • 11.2.1.26 (Software) • 11.2.2.26 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) | <p>Web: Partially Supports Electronic Docs: Supports Software: Supports 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: Focus is not disabled in PDFs.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|---|
| <ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) | | <p>Software: Focus is visible on the Spotify® desktop app player controls when navigating with only the keyboard.</p> <p>Authoring Tool: Focus is 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"> • 9.2.28 (Web) • 10.2.28 (non-web document) • 11.2.1.28 (Software) – Does not apply • 11.2.2.28 (Closed Software) – Does not apply • 11.6.2 (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: Passages of language other than the default language of the page were not found in the evaluation sample.</p> <p>Electronic Docs: No language other than the main language listed is present in the associated 'Course Description' PDF document for each course.</p> <p>Software: No language other than the default language was found in the Spotify® desktop app.</p> <p>Authoring Tool: No language other than the main language listed in the language attribute of the parent page is present.</p> |
| <p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.31 (Web) • 10.2.31 (non-web document) – Does not apply • 11.2.1.31 (Software) – Does not apply • 11.2.2.31 (Closed Software) – Does not apply • 11.6.2 (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>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Authoring Tool: Supports</p> <p>Software: Not Applicable</p> | <p>Web: Navigation links that are repeated on web pages do not change order when navigating through the site.</p> <p>Electronic Docs: In the associated 'Course Description' PDF document for each course, the pages are consistently numbered.</p> <p>Authoring Tool: Navigation is consistent.</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|---|--|
| <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"> • 9.2.32 (Web) • 10.2.32 (non-web document) – Does not apply • 11.2.1.32 (Software) – Does not apply • 11.2.2.32 (Closed Software) – Does not apply • 11.6.2 (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>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p> | <p>Web: Components that have the same functionality within the texts are identified consistently.</p> <p>Electronic Docs: In the associated 'Course Description' PDF document for each course; labels, names, and text alternatives are consistently applied for content that has the same functionality.</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> |
| <p><u>3.3.3 Error Suggestion</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.35 (Web) • 10.2.35 (non-web document) • 11.2.1.35 (Software) • 11.2.2.35 (Closed Software) – Does not apply • 11.6.2 (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 and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of an assessment.</p> <p>Electronic Docs: Forms are not found in the associated 'Course Description' PDF documents.</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: This tool does not provide error suggestions; however, it does automatically correct some code errors such as mismatched HTML tags without providing notice.</p> |
| <p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.36 (Web) | <p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p> | <p>Web: A mechanism is available for reviewing, confirming, and correcting assessments and assignments before finalizing the submission. (For</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|---|
| <ul style="list-style-type: none"> • 10.2.36 (non-web document) • 11.2.1.36 (Software) • 11.2.2.36 (Closed Software) – Does not apply • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | | <p>assessments only: this is true if the professor chooses to enable these settings) .Additionally, if an input error is detected (via client-side or server-side validation), suggestions are provided for fixing the input in a timely and accessible manner.</p> <p>Electronic Docs: No user input is taken in the 'Course Description PDF documents at all.</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> |

Table 3: Success Criteria, Level AAA – Not evaluated

Notes: This table has been removed. Level AAA of the WCAG 2.0 standards was not evaluated.

Revised Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes: All content in these courses are covered by the WCAG 2.0 guidelines. 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 | Partial Supports | <ul style="list-style-type: none"> •As described in 1.1.1 Non-text Content, Non-text content exists on multiple pages that needs alternative text. •As described in 1.3.1 Info and Relationships, data tables in some pages do not have table headers. •As described in 2.1.1 Keyboard, some supplemental interactive components are not keyboard accessible. •As described in 2.4.3 Focus Order, some supplemental tool content does not manage focus order correctly. The essential lecture content in the audit sample passed this criterion. <ul style="list-style-type: none"> •As described in 2.4.4 Link Purpose, most of our links show their purpose in the link text, or with aria-labeling. •As described in 4.1.2 Name, Role, Value: A few interface components were found that did not have complete aria-roles and values. iFrames were found that did not have titles. |
| 302.2 With Limited Vision | Partially Supports | <ul style="list-style-type: none"> •As described in 1.1.1 Non-text Content, most of our pages support this criterion, however, non-text content exists on multiple pages that needs alternative text. •As described in 1.4.3 Sufficient Contrast, multiple contrast errors exist throughout the pages tested. |
| 302.3 Without Perception of Color | Partially Supports | As described in 1.4.1: Some links were found in supporting pages that rely on color alone. |
| 302.4 Without Hearing | Partially Supports | •As described in 1.2.1, links to course audio |

| Criteria | Conformance Level | Remarks and Explanations |
|----------------------------|--------------------|---|
| | | <p>open on the Spotify® Web Player where text alternatives (lyrics) are often provided. Lyrics are provided in lesson text when relevant to the musical idea being discussed.</p> <ul style="list-style-type: none"> •As described in 1.2.2, most course videos have captioning. Videos that do not meet WCAG 1.1.2 / Section 508 standards are supplemental and, if needed, their inclusion in the text can be suppressed. |
| 302.5 With Limited Hearing | Partially Supports | <ul style="list-style-type: none"> •As described in 1.2.1, course audio opens on the Spotify® Web Player where text alternatives (lyrics) are often provided. Lyrics are provided in lesson text when relevant to the musical idea being discussed. •As described in 1.2.2, most course videos have open or closed captioning. Most courses that use videos that do not meet WCAG 1.1.2 / Section 508 standards are supplemental and, if needed, their inclusion in the text can be suppressed without compromising the academic integrity of the materials. OnMusic Jazz |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|---|
| | | contains videos on the chapter/ section introductory pages that are either not labeled as a text alternative or need captioning. |
| 302.6 Without Speech | Supports | |
| 302.7 With Limited Manipulation | Partially Supports | <ul style="list-style-type: none"> •As described in 2.1.1 Keyboard, some supplemental interactive components are not keyboard accessible. •As described in 2.4.3 Focus Order, in most cases, the sequence of keyboard navigation within the pages preserves meaning and operability. However, some issues exist, mostly in the supplemental material that opens from the toolbar. |
| 302.8 With Limited Reach and Strength | Partially Supports | <ul style="list-style-type: none"> •As described in 2.1.1 Keyboard, some supplemental interactive components are not keyboard accessible. •As described in 2.4.3 Focus Order, in most cases, the sequence of keyboard navigation within the pages preserves meaning and operability. However, some issues exist, mostly in the supplemental material that opens from the toolbar. |
| 302.9 With Limited Language, Cognitive, and Learning Abilities | Partially Supports | <ul style="list-style-type: none"> •As described in 2.4.4 Link Purpose, most of our links show their purpose in the link text, or with aria-labeling. However, some links exist in supplemental content that are not labeled. |

Chapter 4: Hardware – Not applicable

Notes: This chapter has been removed. Specific hardware is not required to use Connect For Education® digital texts.

Chapter 5: Software

Notes: This section is relevant only to the Spotify® Desktop App and its use with Connect For Education® course audio.

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------------------------|--|
| 501.1 Scope – Incorporation of WCAG 2.0 AA | See WCAG 2.0 section | See information in WCAG 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 | 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; and were erroneously reporting their states to assistive technologies. |
| 502.3.2 Modification of Object Information | Partially supports | Some buttons had incorrect programmatic patterns; and were erroneously reporting their states to assistive technologies. |
| 502.3.3 Row, Column, and Headers | Supports | Data tables are not present. |

| Criteria | Conformance Level | Remarks and Explanations |
|------------------------------------|--------------------|--|
| 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 | Placeholder text existed in the login pane, but fields did not have programmatically determinable labels. |
| 502.3.7 Hierarchical Relationships | Supports | Hierarchical parent child relationships of components, such as lists, appear programmatically determinable for most items. |
| 502.3.8 Text | Supports | Modification is permitted through system display resizing of text. (Tested on Windows) |
| 502.3.9 Modification of Text | Supports | All objects examined could be seen and read by assistive technology as noted in 502.2.1 |
| 502.3.10 List of Actions | Partially Supports | Not all actions that can be executed on an object are programmatically determinable. |
| 502.3.11 Actions on Objects | Partially Supports | The show password button did not support this criterion. |
| 502.3.12 Focus Cursor | Supports | (The Spotify® desktop app) exposes focus tracking, insertion points, and selection attributes. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------------------------|--|
| 502.3.13 Modification of Focus Cursor | Supports | Focus, text insertion, and attribute selection can be set programmatically. |
| 502.3.14 Event 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. |
| 502.4 Platform Accessibility Features | Not Applicable | The software evaluated is not a platform. |
| 503 Applications | 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 | Supports | |
| 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 | Captions are not required play course music audio on the Spotify® Desktop App. |
| 503.4.2 Audio Description Controls | Supports | Audio descriptions are not required to play course music audio on the Spotify® Desktop App. |
| 504 Authoring Tools | Heading cell – no response required | Heading cell – no response required |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | See WCAG 2.0 section | See information in WCAG section |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not Applicable | The Spotify® desktop app is not an authoring tool. |
| 504.2.2 PDF Export | Not Applicable | |
| 504.3 Prompts | Not Applicable | |

| Criteria | Conformance Level | Remarks and Explanations |
|-----------------|-------------------|--|
| 504.4 Templates | Not Applicable | The Spotify® desktop app is not an authoring tool. |

Chapter 6: Support Documentation and Services

Notes: These support documentation and services chapter includes information on the following:

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------------------------|---|
| 601.1 Scope | Heading cell – no response required | Heading cell – no response required |
| 602 Support Documentation | Heading cell – no response required | Heading cell – no response required |
| 602.2 Accessibility and Compatibility Features | Not Applicable | Support documentation is completely electronic, and all aspects are addressed by the WCAG 2.0 technical.0 guidelines. |
| 602.3 Electronic Support Documentation | Supports | See information in WCAG section |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Not Applicable | Support documentation is completely electronic, and all aspects are addressed by the WCAG 2.0 technical guidelines. |
| 603 Support Services | 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. |
| 603.3 Accommodation of Communication Needs | Supports | 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. 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 , |

| Criteria | Conformance Level | Remarks and Explanations |
|----------|-------------------|---|
| | | 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. An Technical Support technician will respond to technical issues according to the standard service request process. |

EN 301 549 Report

Notes: All content in OnMusic Rock 3rd ed., OnMusic Jazz 2nd ed., and OnAmerican Popular Music is covered by the WCAG 2.0 guidelines, reported in Table 1 and Table 2. However, the content does not completely support all WCAG 2.0 criteria. The summary of support found here can be viewed in detail in the WCAG 2.0 section of this document.

Chapter 4: [4.2 Functional Performance Statements \(FPS\)](#)

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|---|
| 4.2.1 Usage without vision | Partially Supports | Not all content fully supports users without vision. |
| 4.2.2 Usage with limited vision | Partially Supports | Not all content fully supports users with limited vision. |
| 4.2.3 Usage without perception of colour | Partially Supports | Some issues with color usage and contrast exist. |
| 4.2.4 Usage without hearing | Partially Supports | All videos in OnMusic Jazz are captioned. Some supplemental videos remain un-captioned. Many audio recordings of music have transcripts for song lyrics. Note: when the lyrics are essential to the understanding of the musical concepts, lyrics are provided in the text. |
| 4.2.5 Usage with limited hearing | Partially Supports | Required course audio is very clear, does not contain background noise, and has additional volume controls available. Some supplemental videos are not captioned. |
| 4.2.6 Usage without vocal capability | Supports | Vocal capability is not needed to interact with the texts. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------|---|
| 4.2.7 Usage with limited manipulation or strength | Partially supports | Some issues exist, including those with keyboard access and focus. |
| 4.2.8 Usage with limited reach | Partially supports | Some issues exist, including those with keyboard access and focus. |
| 4.2.9 Minimize photosensitive seizure triggers | Supports | The content does not flash |
| 4.2.10 Usage with limited cognition | Partially supports | The texts use adjustable timings, error indication and error fix suggestion on assessments, however, some issues exist. |
| 4.2.11 Privacy | Not applicable | The courseware does not provide features specifically for accessibility. |

Chapter [5: Generic Requirements](#)

Notes: Not applicable to Connect For Education® products. These products are web content and are not closed systems.

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

Notes: Not applicable. Connect For Education does not offer two-way voice communication. This table has been 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 | When captions are available, there is a mechanism available to display the captions. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|--|
| 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. |
| 7.2.1 Audio description playback | Does Not Support | Connect For Education® digital texts use video players which have no mechanism to select audio descriptions. |
| 7.2.2 Audio description synchronization | Does Not Support | Connect For Education® digital texts use video players which have no mechanism to select audio descriptions. |
| 7.2.3 Preservation of audio description | Does Not Support | Connect For Education® digital texts use video players which have no mechanism to select audio descriptions. |
| 7.3 User controls for captions and audio description | Partially Supports | For Connect For Education® digital texts 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: Connect For Education® digital texts do not require specific hardware. Table is removed. EN 301 549 Chapter 8: Hardware specifications are not applicable.

Chapter [9: Web](#) (see WCAG 2.0 section)

Notes:

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

Notes: Connect For Education® digital texts are displayed over the web by design and in practice. If a user is not able to use a web page 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 the 'Course Description' PDF documents included with each course.

| Criteria | Conformance Level | Remarks and Explanations |
|---------------------------------------|--------------------------------------|-------------------------------------|
| 10.1 General | Heading cell – no response required | Heading cell – no response required |
| 10.2 Document success criteria | Heading cell – no response required | Heading cell – no response required |
| 10.2.1 through 10.2.38 | See WCAG 2.0 section | See information in WCAG section |
| 10.2.39 Caption positioning | Supported | Synchronized media is NOT present. |
| 10.2.40 Audio description timing | Supported | Synchronized media is NOT present. |

Chapter [11: Software](#)

Notes: This chapter refers exclusively to the Spotify® Desktop App and its user interface, as it is used with Connect For Education® texts to play course audio.

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------------------------|--|
| 11.2.1 Software success criteria (excluding closed functionality) | See WCAG 2.0 section | See information in WCAG section |
| 11.2.2 Software success criteria (closed functionality) | See WCAG 2.0 section | See information in WCAG section |
| 11.3 Interoperability with assistive technology | Heading cell – no response required | Heading cell – no response required |
| 11.3.1 Closed functionality (informative) | Heading cell – no response required | Heading cell – no response required |
| 11.3.2 Accessibility services | Heading cell – no response required | Heading cell – no response required |
| 11.3.2.1 Platform accessibility service support for software that provides a user interface | See 11.3.2.5 through 11.3.2.17 | See information in 11.3.2.5 through 11.3.2.17 |
| 11.3.2.2 Platform accessibility service support for assistive technologies | See 11.3.2.5 through 11.3.2.17 | See information in 11.3.2.5 through 11.3.2.17 |
| 11.3.2.3 Use of accessibility services | Supports | See information in 11.5.2.5 through 11.5.2.17. |

| Criteria | Conformance Level | Remarks and Explanations |
|-------------------------------------|--------------------|---|
| | | r |
| 11.3.2.4 Assistive technology | Not applicable | The Spotify® Desktop App is not an assistive technology |
| 11.3.2.5 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. |
| 11.3.2.6 Row, column, and headers | Supports | Table are not created or used. |
| 11.3.2.7 Values | Supports | Value(s) and sets and ranges of values associated with an object, could be programmatically determined when playing course audio. |
| 11.3.2.8 Label relationships | Partially Supports | Placeholder text existed in the login, password, and search fields, and functioned to label these fields, but their relationships to the fields was not programmatically defined. |
| 11.3.2.9 Parent-child relationships | Supports | User interface is constructed to include lists and other semantic structures |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------------------------|---|
| | | that programmatically reveal parent / child relationships. |
| 11.3.2.10 Text | Supports | Text is programmatically determinable by the accessible technologies listed as supported in 11.3.2.3. |
| 11.3.2.11 List of available actions | Partially Supports | The list of executable actions offered by each software object is made available programmatically, listed as supported in 11.3.2.3. |
| 11.3.2.12 Execution of available actions | Partially Supports | Not all actions that can be executed on an object are programmatically determinable when playing course audio. |
| 11.3.2.13 Tracking of focus and selection attributes | Supports | The Spotify® Desktop App allows for the tracking of focus when playing course audio. |
| 11.3.2.14 Modification of focus and selection attributes | Partially Supports | Supported, see WCAG 2.1.1 for exceptions. |
| 11.3.2.15 Change notification | Supports | View changes are not initiated without deliberate user input on a labeled control. |
| 11.3.2.16 Modifications of states and properties | Supports | All user-set states and properties are capable of being set programmatically, including through assistive technologies |
| 11.3.2.17 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. |
| 11.4 Documented accessibility usage | Heading cell – no response required | Heading cell – no response required |
| 11.4.1 User control of accessibility features | Not applicable | The Spotify® Desktop App is not platform software. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------------------------|---|
| 11.4.2 No disruption of accessibility features | Supports | Disruption of accessibility features employed by users were not detected |
| 11.5 User preferences | Supports | user preferences for platform settings for colour, contrast, font type, font size, and focus cursor were permitted. |
| 11.6 Authoring tools | Heading cell – no response required | Heading cell – no response required |
| 11.6.1 Content technology | Heading cell – no response required | Heading cell – no response required |
| 11.6.2 Accessible content creation (if not authoring tool, enter “not applicable”) | See WCAG 2.0 section | See information in WCAG section |
| 11.6.3 Preservation of accessibility information in transformations | Not Applicable | The Spotify® Desktop App is not an authoring tool. |
| 11.6.4 Repair assistance | Not Applicable | The Spotify® Desktop App is not an authoring tool. |
| 11.6.5 Templates | Not Applicable | The Spotify® Desktop App is not an authoring tool. |

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 | Support | Connect For Education® materials do not include built in accessibility features. |
| 12.1.2 Accessible documentation | See WCAG 2.0 section | See information in WCAG 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 | Accessibility information is provided by contacting us via phone or email. |
| 12.2.3 Effective communication | Supports | Connect For Education® customers have access to electronic support through support@connect4education.com . Customers may also call Technical Support at 1.7038801180 ext. |

| Criteria | Conformance Level | Remarks and Explanations |
|---------------------------------|--------------------------------------|--|
| | | <p>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. An Technical Support technician will respond to technical issues according to the standard service request process.</p> |
| 12.2.4 Accessible documentation | See WCAG 2.0 section | See information in WCAG section |

Chapter [13: ICT Providing Relay or Emergency Service Access](#)

Notes: This chapter is not applicable to Connect For Education® digital texts as they do not provide or need to provide Relay or Emergency Service Access. This table has been removed

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