Connect For Education®

OnMusic of Explorations

Accessibility Conformance Report

International Edition

C4Elink Hosted Version

Fall 2023

Name of Product/Version:

- Title: *OnMusic Explorations*
- Author: Connect4Education
- ISBN: 978-0-9991160-8-1

Report Date:

August 1, 2023

Product Description:

Web

- **The *OnMusic Explorations* courseware:**
  - o *OnMusic Explorations* is customizable, web-based, digital courseware hosted in a Moodle-based learning management system.
  - o The course contains web pages with interactive lessons, quizzes, exams, discussion forums, and written assignments.
  - o Lesson pages also include a supplemental toolbar containing optional, interactive learning tools.

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- Some course audio is provided via external weblinks to the free version of the third-party web-based music streaming service, Spotify®. The use of the Spotify® web player as it is used to play the *OnMusic Explorations* 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.

Web Based Authoring Tool

The Atto Text Editor is a web-based authoring tool embedded in written assignment and discussion forum pages for creating responses to the prompts. All documentation regarding authoring tools refers exclusively to the Atto editor when functioning in this capacity.

Software

While the Spotify® web player is most used to play course audio, some users may prefer to download the third-party Spotify® desktop application to augment performance on their device. The use of the free version of the Spotify® desktop app as it is used to play the *OnMusic Explorations* 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 the 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:

- Phone: (703) 880–1180 extension 200
- Email: support@connect4education.com

Audit Summary

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

- 21 Supports
- 25 Partially Supports
- 4 Does Not Support

Notes:

- Level AAA conformance is not reported in this document and the tables for AAA conformance have been removed.
- *OnMusic Explorations* courseware does not include closed systems or closed software. The "Closed:" reporting category has been removed from the reporting tables.
- *OnMusic Explorations* courseware does not require specific hardware. The hardware report tables have been removed from this document.
- All testing was conducted from a student standpoint.

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, Windows 10 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 system 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
1.1.1 Non-text Content (Level A) Also applies to: EN 301 549 Criteria • 9.1.1.1 (Web) • 10.1.1.1 (Non-web document) • 11.1.1.1.1 (Open Functionality Software) • 11.1.1.1.2 (Closed Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Almost all images have compliant alternative text. In lesson pages: • A few interactive animations were found with insufficient alternate text. • Top of page banner images that also portray images of text had insufficient alternative text. In the supplemental toolbar content, some images that provided links to video playlist navigation did not have alternative text. When playing course audio using the Spotify® web and desktop apps, non-text content was found to have text alternatives. Authoring Tool: The Atto Editor supports this criterion.

Criteria	Conformance Level	Remarks and Explanations
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.1 (Web) • 10.1.2.1 (Non-web document) • 11.1.2.1.1 (Open Functionality Software) • 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Partially supports Authoring Tool: Supports	Web: Much of the Spotify® provided audio-only content found in this course has lyrics (text alternative). Most audio only content offered in the Discover Music Player, or the browser-based audio player does not have text alternative, unless it is relevant to the lesson objectives. Lyrics relevant to the lesson objectives are always included in the lesson page text. Video-only content was not found. 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. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Authoring Tool: The Atto editor can add and display video content. If the video is 'video-only' it can add a text alternative. If adding 'audio-only' then Atto can be used to add text alternative such as a transcript.

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.2 (Web) • 10.1.2.2 (Non-web document) • 11.1.2.2 (Open Functionality Software) • 11.1.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: At this time, not all videos in *OnMusic Explorations* have 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. Software: The Spotify® desktop app is not used to play synchronized video in this course. Authoring Tool: Caption files can be added by authors and viewed users in synchronized video added to the pages by this tool.

Criteria	Conformance Level	Remarks and Explanations
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 9.1.2.3 (Web) • 10.1.2.3 (Non-web document) • 11.1.2.3.1 (Open Functionality Software) • 11.1.2.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Software: Supports Authoring Tool: Supports	Web: Audio descriptions for synchronized video content are not included. Transcripts are not provided for most synchronized video content. The videos in the Discover Video toolbar are deemed supplemental and can be suppressed from the course until they are compliant, if needed. Please note content presented exclusively in Discover Video is not included in assessments or exams. Software: The Spotify® desktop app is not used to play synchronized video in this course. Authoring Tool: The Atto editor can be used to create an accessible transcript for synchronized video content.

Criteria	Conformance Level	Remarks and Explanations
1.3.1 Info and Relationships (Level A) Also applies to: EN 301 549 Criteria • 9.1.3.1 (Web) • 10.1.3.1 (Non-web document) • 11.1.3.1.1 (Open Functionality Software) • 11.1.3.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially Supports Software: Supports Authoring Tool: Supports	Web: In general: • Some data tables exist that do not programmatically reveal the relationships between the data cells and table headers. • Some data tables exist that should be programmatically configured to be layout tables instead, since they are not being used to show the relationship between data elements. In some lesson pages: • The visual headings in the "Fun Facts" and "Quote" sections of some pages are not programmatic headings. In the written assignments: • The submission status data table has no header cells and so the relationship among data is not clear. • A misconfigured list was found in the prompt page. In the supplemental toolbar: • Optional tools such as Keywords and Download Center overly rely on visual layout to express relationships among information. • The Test Yourself tool has radio buttons with no programmatic label to mark answer responses. In quizzes, only minor semantic issues with headings were found.

Criteria	Conformance Level	Remarks and Explanations
		Software: When playing course audio, the Spotify® desktop app seemed to programmatically portray information that was provided visually. 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.
1.3.2 Meaningful Sequence (Level A) Also applies to: EN 301 549 Criteria 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) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: The required lesson content supports meaningful programmatic sequence. Software: The Spotify® desktop app information is presented in a meaningful order for all users. Authoring Tool: The correct sequence is programmatically determinable among the Atto editor interface and components.

Criteria	Conformance Level	Remarks and Explanations
1.3.3 Sensory Characteristics (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	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. Software: For the Spotify® desktop app: instructions to use the content do not rely on sensory characteristics. Authoring Tool: Instructions to use the content does not rely on sensory characteristics.

Criteria	Conformance Level	Remarks and Explanations
1.4.1 Use of Color (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Some links in the lesson text are distinguished by color alone. At default settings, the quiz navigation block will show which questions are correct, incorrect, and unanswered. The incorrect (red) and incomplete (white) statuses rely on color coding. 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. 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.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Level A) Also applies to: EN 301 549 Criteria • 9.1.4.2 (Web) • 10.1.4.2 (Non-web document) • 11.1.4.2 (Open Functionality Software) • 11.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: Automatically playing content is not present in the course content. Software: Automatically playing content is not found in the Spotify® desktop app. Authoring Tool: Nothing in the authoring tool automatically plays, and content can be created that does not automatically play.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria • 9.2.1.1 (Web) • 10.2.1.1 (Non-web document) • 11.2.1.1.1 (Open Functionality Software) • 11.2.1.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Most core lesson content and course audio can be operated with the keyboard, although issues exist, especially with the optional toolbar. The course homepage modules cannot be opened using the keyboard alone. In lesson pages: • The Discover Music Player is a keyboard trap and playing course audio is problematic when operating content with the keyboard alone in classes 1-11. • A few interactive animations, some custom tool tip informational widgets, the composer profile controls in classes 1-11; and the enlarge image controls could not be operated with the keyboard alone. In written assignments: • The view full control to expand and review online text entries for written assignments could not be operated with the keyboard alone. In the supplemental toolbar: • The Discover Music tool and the Artist Profile tool cannot be opened with the keyboard. • Not all toolbar interactive content can be accessed with the keyboard. • The Listen to Lecture player could be opened with the keyboard but the controls could not be operated in some cases.

Criteria	Conformance Level	Remarks and Explanations
		In quizzes and exams: • The quiz navigation block question links (which are inactive at default settings) show tooltip popup text 'Correct', 'Incorrect' and 'Not Complete' when hovered with the mouse. This could be considered essential information, but it is not available to keyboard users. Alternate ways exist to learn the status of questions, 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. Software: Access to course audio through the Spotify® desktop app was found to be keyboard accessible. Authoring Tool: Interactive controls and content is keyboard accessible.

Criteria	Conformance Level	Remarks and Explanations
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria • 9.2.1.2 (Web) • 10.2.1.2 (Non-web document) • 11.2.1.2 (Open Functionality Software) • 11.2.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: The Discover Music Player is a keyboard trap in all browsers in classes 1-11. The Listen to Lecture player can trap focus when it is first opened in classes 1-11. Software: Keyboard traps were not detected in the Spotify® desktop app when playing course audio. Authoring Tool: Keyboard traps were not detected.

Criteria	Conformance Level	Remarks and Explanations
2.1.4 Character Key Shortcuts (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 9.2.1.4 (Web) • 10.2.1.4 (Non-web document) • 11.2.1.4.1 (Open Functionality Software) • 11.2.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: YouTube uses letter-only (including upper- and lower-case letters) 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 YouTube window has focus and the user has made an initial interaction with the player. All other content in the course was found to support the Character Key Shortcut criterion. *Corrections for items related to YouTube® are controlled by YouTube®, a third-party software vendor* Software: Supports, keyboard shortcuts do not rely on character, punctuation, number, or symbol keys alone. Shortcuts can only be used when the interface has focus in the Spotify® desktop app. Authoring Tool: Supports, keyboard shortcuts are not character key only and can only be used when the authoring tool interface has focus and text content is selected.

Criteria	Conformance Level	Remarks and Explanations
2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria • 9.2.2.1 (Web) • 10.2.2.1 (Non-web document) • 11.2.2.1 (Open Functionality Software) • 11.2.2.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: By default, time limits are present in the course only during exams, which is an essential exception. Software: Time limits are not present when playing course audio in the Spotify® desktop app. Authoring Tool: Supports, time limits are not present.

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria • 9.2.2.2 (Web) • 10.2.2.2 (Non-web document) • 11.2.2.2 (Open Functionality Software) • 11.2.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: Moving, blinking, content is not present. In timed exams and quizzes, an auto-updating timer is at the bottom of the page, but it is not presented in parallel with the other content. Exams and quizzes are not timed by default. In the Spotify® web app, when the page is magnified to 200% or larger, selection titles can move back and forth to display the full name of the selection if the name is very long. This is considered an essential activity to provide the selection title. Software: Moving, blinking, or auto-updating content is not present in the Spotify® desktop app. Authoring Tool: Moving, blinking, or auto-updating content is not present.

Criteria	Conformance Level	Remarks and Explanations
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: EN 301 549 Criteria • 9.2.3.1 (Web) • 10.2.3.1 (Non-web document) • 11.2.3.1 (Open Functionality Software) • 11.2.3.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: Flashing content is not present Software: Flashing content is not present in the Spotify® desktop app. Authoring Tool: Flashing content is not present

Criteria	Conformance	Remarks and Explanations
2.4.1 Bypass Blocks (Level A) Also applies to: EN 301 549 Criteria • 9.2.4.1 (Web) • 10.2.4.1 (Non-web document) – Does not apply • 11.2.4.1 (Open Functionality Software) – Does not apply • 11.2.4.1 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Partially supports Software: Not applicable Authoring Tool: Supports	Web: Not all lesson pages have a skip link to skip the main menu and breadcrumb navigation elements. The Spotify® web player does not have any keyboard-only mechanisms to bypass areas of repeated content such as left side user menu, player controls, and current selection information. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Software: Not applicable. 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.

Criteria	Conformance	Remarks and Explanations
2.4.2 Page Titled (Level A) Also applies to: EN 301 549 Criteria • 9.2.4.2 (Web) • 10.2.4.2 (Non-web document) • 11.2.4.2 (Open Functionality Software) - Does not apply • 11.2.4.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Not applicable Authoring Tool: Supports	Web: All pages were titled. Software: Not applicable Authoring Tool: The Atto editor is embedded in a parent page that is titled.

Criteria	Conformance Level	Remarks and Explanations
2.4.3 Focus Order (Level A) Also applies to: EN 301 549 Criteria • 9.2.4.3 (Web) • 10.2.4.3 (Non-web document) • 11.2.4.3 (Open Functionality Software) • 11.2.4.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Most of the required lesson content and assessments/assignments have a logical focus order that preserves meaning and aids use. However, in lessons 1-11, there are issues with focus order of content related to the Discover Music Player in the Chrome web browser. In the supplemental tool bar, focus order is not fully managed and portions of the toolbar content are not accessible to the keyboard or assistive technologies. In written assignments, focus is not fully managed when interacting with buttons such as "Add Submission', 'Submit', and "Edit Assignment', that cause new content to be added to the page. It is generally expected that keyboard focus will be moved to newly revealed content or be one keypress away from it when interacting with page controls. However, in this case, focus instead will revert to the top of the page. Focus also will move to the top of the page in discussion forums after selecting the 'Reply' link. For best experience with focus order, students should login to Spotify® before starting course work. Also, when listening to course audio and then choosing a new selection, the focus order is not conveniently managed to the new selection 'now playing' controls. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Software: Supports. Authoring Tool: Supports, focus order is logical.

Criteria	Conformance Level	Remarks and Explanations
2.4.4 Link Purpose (In Context) (Level A) Also applies to: EN 301 549 Criteria • 9.2.4.4 (Web) • 10.2.4.4 (Non-web document) • 11.2.4.4 (Open Functionality Software) • 11.2.4.4 (Closed Software • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Audio links in some lesson pages may have link purpose that is not clear to assistive technologies. Non-functioning links with no accessible name may appear in the supplemental toolbar tool modal pop-up windows. There is one non-functioning link with no accessible name appearing in the non-default view for file submissions in written assignment pages. Software: Supports Authoring Tool: Supports
2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 9.2.5.1 (Web) • 10.2.5.1 (Non-web document) • 11.2.5.1 (Open Functionality Software) • 11.2.5.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Supports Software: Supports Authoring Tool: Supports	Web: Multipoint or path-based gestures are not required. Software: Multipoint or path-based gestures are not required to hear course audio in the Spotify® desktop app. Authoring Tool: Multipoint or path-based gestures are not required.

Criteria	Conformance Level	Remarks and Explanations
2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 9.2.5.2 (Web) • 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) Revised Section 508 – Does not apply	Web: Supports Software: Supports Authoring Tool: Supports	Web: The down-event of the pointer is not used to execute any part of functions. Software: The down-event of the pointer is not used to execute any part of functions in the Spotify® desktop app. Authoring Tool: The down-event of the pointer is not used to execute any part of functions.
2.5.3 Label in Name (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 – Does not apply	Web: Partially supports Software: Supports Authoring Tool: Supports:	Web: A link on the course home page, an input element on the gradebook user report page, and some course audio links in the lesson text use visible text that does not contain the accessible name. Software: Components with labels using text or images of text in the Spotify® desktop app have names that contain the text that is presented visually. Authoring tool: Components with labels text or images of text in the Spotify® desktop app have names that contain the text that is presented visually.

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 – Does not apply	Web: Supports Software: Supports Authoring Tool: Supports	Web: Motion does not activate content. Software: Motion does not activate content in the Spotify® desktop app. Authoring Tool: Motion does not activate content.
3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria • 9.3.1.1 (Web) • 10.3.1.1 (Non-web document) • 11.3.1.1.1 (Open Functionality Software) • 11.3.1.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Partially supports Authoring Tool: Supports	Web: The default language of each page is correctly specified. Software: A language specification within this app could not be determined, and the Spotify® desktop app does permit users to specify their language in preferences. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Authoring Tool: This tool is embedded in a parent page with a default language correctly specified.

Criteria	Conformance Level	Remarks and Explanations
3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria • 9.3.2.1 (Web) • 10.3.2.1 (Non-web document) • 11.3.2.1 (Open Functionality Software) • 11.3.2.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: When any user interface component receives focus, it does not initiate a change of context. Software: Focusing interactive elements within the Spotify® desktop app does not cause a change of context. Authoring Tool: When any component receives focus, it does not initiate a change of context.
3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria • 9.3.2.2 (Web) • 10.3.2.2 (Non-web document) • 11.3.2.2 (Open Functionality Software) • 11.3.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Two list-boxes were found that changed the page context when the list was explored with the arrow keys using keyboard navigation. Software: Unexpected changes on user input were not detected in the Spotify® desktop app. Authoring Tool: Supports

Criteria	Conformance Level	Remarks and Explanations
3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria • 9.3.3.1 (Web) • 10.3.3.1 (Non-web document) • 11.3.3.1.1 (Open Functionality Software) • 11.3.3.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: 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. Software: The Spotify® Desktop app login pane identifies automatic input errors in text. Authoring Tool: Automatic errors are not detected.
3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria • 9.3.3.2 (Web) • 10.3.3.2 (Non-web document) • 11.3.3.2 (Open Functionality Software) • 11.3.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Labels and instructions are almost always provided. However, on a few assessment questions, underline characters were used to present a visual (but not programmatically available) 'blank' input to students to indicate that a missing word must be supplied. Software: Visible labels and instructions are provided as required in the Spotify® desktop app when user input is required. Authoring Tool: Visible labels are provided.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria • 9.4.1.1 (Web) • 10.4.1.1 (Non-web document) • 11.4.1.1.1 (Open Functionality Software) • 11.4.1.1.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Not applicable Authoring Tool: Supports	Web: A few minor, low-level parsing warnings were detected with no disruption to functionality. Software: Not applicable Authoring Tool: No parse errors detected.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria - 9.4.1.2 (Web) - 10.4.1.2 (Non-web document) - 11.4.1.2.1 (Open Functionality Software) - 11.4.1.2.2 (Closed Software) – Does not apply - 11.8.2 (Authoring Tool) - 12.1.2 (Product Docs) - 12.2.4 (Support Docs) Revised Section 508 - 501 (Web)(Software) - 504.2 (Authoring Tool) - 602.3 (Support Docs)	Web: Partially supports Software: Partially supports Authoring Tool: Supports	Web: The name, roles, and values of user interface components are mostly well provided in the *OnMusic Explorations* course. However, some issues were noted. In lesson pages: - The Spotify® links to course audio, and some other audio links found in some lesson pages are visually labeled with the name of the selection but are insufficiently programmatically labeled for assistive technology users. - The Discover Music player and the Listen to Lecture player in some lesson pages are missing some aria roles and values. - There are iframes without title attributes in a few lesson pages. - The learning objectives drop-down control may not provide an accessible name to assistive technologies. - Interactive animations in a few lesson pages do not have accessible names. In quizzes and exams: - The 'Flag this question' control in assessments is in a live region causing it to interrupt the page reading by assistive technology. This control should not be in a live region. - The Spotify® preview links that appear in some quizzes and written assignments utilize iframe elements with no title.

Criteria	Conformance Level	Remarks and Explanations
		▪ When a student submits a blank answer and gives no response to a quiz/exam question, the error status is in text but not announced to assistive technologies. In discussion forums: ▪ Discussion forums may not provide sufficient accessible notification of blank submission errors. In the supplemental toolbar optional content: ▪ Blank links may be present at the end of content in each pop-up window. ▪ The Discover Music and the Composer's Guide pop-up window in some lesson pages contain iframes without a title attribute. ▪ Interacting with buttons in some of the supplemental toolbar tools pop-up windows may cause content to be added to the window, but users are not programmatically notified about this change. ▪ Although alternate ways exist to navigate the Discover Video tool content, this tool has thumbnail images with no alternative texts acting as labels for video links. These links may not expose an accessible name to assistive technologies. ▪ The radio buttons in the Test Yourself tool have no labels, and so no accessible names.

Criteria	Conformance Level	Remarks and Explanations
		▪ The Download Center tool link in the toolbar of a few lesson pages is visually grayed out and inactive, but the accessible name and/or programmatic state do not convey this meaning to assistive technology users. In the Spotify® Web Player: ▪ When playing course audio with the Spotify® Web Player, the previous audio selection may appear loaded in the dashboard player while the new selection is loaded in the main top of page player. Both selections have control buttons named "play". This could be confusing to assistive technology users. ▪ The login form does not sufficiently provide notification of a change in form when a login error is present. Software: ▪ The login form for the desktop app, which is a web page, does not sufficiently provide notification of a change in form when a login error is present. ▪ In the Spotify® desktop application, there 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.

Criteria	Conformance Level	Remarks and Explanations
		Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor. Authoring Tool: The names, roles, and value of components can be programmatically determined

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: EN 301 549 Criteria • 9.1.2.4 (Web) • 10.1.2.4 (Non-web document) • 11.1.2.4 (Open Functionality Software) • 11.1.2.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: Live media is not presented. Software: Live media is not presented in the Spotify® desktop app when playing course audio. Authoring Tool: Live media is not presented and is beyond the functionality of the Atto editor.

Criteria	Conformance Level	Remarks and Explanations
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria • 9.1.2.5 (Web) • 10.1.2.5 (Non-web document) • 11.1.2.5 (Open Functionality Software) • 11.1.2.5 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Software: Supports Authoring Tool: Does not support	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. Software: Synchronized video media is not used in the Spotify® desktop app when playing course audio. Authoring Tool: Audio descriptions cannot be added to synchronized video media or displayed with the Atto editor.
1.3.4 Orientation (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.3.4 (Web) • 10.1.3.4 (Non-web document) • 11.1.3.4 (Open Functionality Software) • 11.1.3.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Supports Software: Supports Authoring Tool: Supports	Web: Orientation is not restricted in the content. Software: Orientation is not restricted in the Spotify® desktop app. Authoring Tool: Orientation is not restricted in the Atto editor interface or the parent page where it is embedded.

Criteria	Conformance Level	Remarks and Explanations
1.3.5 Identify Input Purpose (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.3.5 (Web) • 10.1.3.5 (Non-web document) • 11.1.3.5.1 (Open Functionality Software) • 11.1.3.5.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Supports Software: Not applicable Authoring Tool: Supports	Web: The C4Elink and the Spotify® web player login pages support this criterion. Other input forms requiring user personal information were not found. Software: Not applicable to software of this type. Authoring Tool: Input fields collecting information about the user are not present in the Atto editor.

Criteria	Conformance Level	Remarks and Explanations
1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria • 9.1.4.3 (Web) • 10.1.4.3 (Non-web document) • 11.1.4.3 (Open Functionality Software) • 11.1.4.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Software: Supports Authoring Tool: Supports	Web: The User Report grade book page links fail contrast requirements. In lesson pages: • When playing course audio in classes 1-11; the title and the composer's name on the interface of the Discover Music Player have insufficient color contrast. • In some lesson pages, content in the "Fun Facts" section, the tooltips information widget pop-ups, and 'show me' animations may have insufficient contrast. • Spotify® audio link text in some pages has insufficient contrast in some pages. • Several classes have lesson pages with insufficient contrast in headings. • The skip to main content link has insufficient contrast. • The course preamble informational page has multiple contrast insufficiencies. In written assignments: • "Add submission", "Submit assignment", "Save changes", and "Continue" buttons had insufficient contrast. • The "Files" link, and the "Accepted file types" extension listings had insufficient contrast. • Some of the artist names and timings in the Spotify®

Criteria	Conformance Level	Remarks and Explanations
		embedded audio links had insufficient color contrast.
		In quizzes/exams:
		• Some quiz control buttons, such as "Start attempt", "Submit", and "Next" have insufficient contrast.
		• Some links such as "Review and finish attempt" have insufficient contrast.
		• Some of the artist names and timings in the Spotify® embedded audio links have insufficient color contrast.
		Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.
		In discussion forums:
		• The permalink, reply, discussion title/subject links, and the Post to forum button have insufficient contrast.
		In the supplemental tool bar:
		• The Listen to Lecture player interface text has insufficient color contrast in lesson pages 1-11.
		• The toolbar tool links and the headings in many of the tool pop-up windows have insufficient color contrast. Additional color contrast issues may exist in the supplemental toolbar.
		Software: When playing course audio in the Spotify® desktop app

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (Level AA) Also applies to: EN 301 549 Criteria • 9.1.4.4 (Web) • 10.1.4.4 (Non-web document) • 11.1.4.4.1 (Open Functionality Software) • 11.1.4.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Note: Almost all Connect For Education® lesson content could be resized using only the web browser zoom feature up to 200 percent without loss of content or functionality. Please note these exceptions regarding issues with resizing and magnifying content: • 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. • The supplemental toolbar Discover Video content that opens in a pop-up window will display with cut-off content that cannot scroll when zoomed to 200%. • Zooming and scaling is disabled in the meta tags for some pages and the Spotify® web player,

Criteria	Conformance Level	Remarks and Explanations
		however during testing all zooming to 200% was supported except for the issues noted. 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. Authoring Tool: Content resizes, including the icons on controls.

Criteria	Conformance Level	Remarks and Explanations
1.4.5 Images of Text (Level AA) Also applies to: EN 301 549 Criteria • 9.1.4.5 (Web) • 10.1.4.5 (Non-web document) • 11.1.4.5.1 (Open Functionality Software) • 11.1.4.5.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: The "Fun Facts" section headings and the "Quote" section headings on some lesson pages are images of text that do not support this criterion. A couple of other very minor and non-impactful images of text were found. Software: Supports. Authoring Tool: Text is used to convey information rather than images of text, except for allowed content such as logos.

Criteria	Conformance Level	Remarks and Explanations
1.4.10 Reflow (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.10 (Web) • 10.1.4.10 (Non-web document) • 11.1.4.10 (Open Functionality Software) • 11.1.4.10 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Some issues with reflow exist: • 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. • The supplemental toolbar Discover Video content that opens in a pop-up window will display with cut-off content that cannot reflow. • Zooming and scaling is disabled in the meta tags for some pages and the Spotify® web player, however during testing reflow was supported for most lesson text and the Spotify® web player.

Criteria	Conformance Level	Remarks and Explanations
		- The top of page button, the previous and next page buttons, and the "Help" widget float over lesson content and inhibit the convenience of using the reflowed content. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* 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. Authoring Tool: Supports, reflow is acceptable.

Criteria	Conformance Level	Remarks and Explanations
1.4.11 Non-text Contrast (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.11 (Web) • 10.1.4.11 (Non-web document) • 11.1.4.11 (Open Functionality Software) • 11.1.4.11 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Partially supports Software: Supports Authoring Tool: Does not support	Web: • The dark gray icons labelling controls on the Discover Music Player have insufficient contrast. • The Listen to Lecture player interface components for "Play" and "Volume" have insufficient color contrast in some lessons. • In the written assignment pages, file picker icons that help operate the submission functions fail non-text contrast requirements. Software: The Spotify® Desktop App has sufficient non-text contrast. Authoring Tool: Many of the controls in the Atto editor have icons on the labels that fail contrast requirements.
1.4.12 Text Spacing (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.12 (Web) • 10.1.4.12 (Non-web document) • 11.1.4.12 (Open Functionality Software) • 11.1.4.12 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Supports Software: Not applicable Authoring Tool: Supports	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. Software: Not applicable to software. Authoring Tool: Users can re-space text within the authoring tool editing area using their own apps. The authoring tool does not restrict this.

Criteria	Conformance Level	Remarks and Explanations
1.4.13 Content on Hover or Focus (Level AA 2.1 only) Also applies to: EN 301 549 Criteria • 9.1.4.13 (Web) • 10.1.4.13 (Non-web document) • 11.1.4.13 (Open Functionality Software) • 11.1.4.13 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Web: Partially supports Software: Partially supports Authoring Tool: Supports	Web: Custom informational tool tips exist on some lesson pages that are hoverable and persistent, but they are not dismissible without removing moving the pointer hover. The Spotify® Web Player controls have custom 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 over them with the mouse. 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. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Authoring Tool: The Atto editor does not use custom tooltips, sub-menus, and other nonmodal popups that display on hover and focus.

Criteria	Conformance Level	Remarks and Explanations
2.4.5 Multiple Ways (Level AA) Also applies to: EN 301 549 Criteria • 9.2.4.5 (Web) • 10.2.4.5 (Non-web document) – Does not apply • 11.2.4.5 (Open Functionality Software) – Does not apply • 11.2.4.5 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Software: Not applicable Authoring Tool: Supports	Web: Multiple methods of navigating pages exist within the course. Users can navigate by using the 'next' or 'previous' page buttons, the dropdown table of contents list box, breadcrumbs, and the course homepage table of contents. Course audio opens using direct links to the Spotify® web player and full navigation of the Spotify® site is not required. Software: Not applicable. 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.

Criteria	Conformance Level	Remarks and Explanations
2.4.6 Headings and Labels (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Supports Authoring Tool: Supports	Web: Headings and labels, when provided, were found to be descriptive, except on the main course home page of each course, where there is an empty level 1 heading. Software: Headings and labels are descriptive. Authoring Tool: The visible labels in the Atto editor toolbar are commonly used icons 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.
2.4.7 Focus Visible (Level AA) Also applies to: EN 301 549 Criteria • 9.2.4.7 (Web) • 10.2.4.7 (Non-web document) • 11.2.4.7 (Open Functionality Software) • 11.2.4.7 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Software: Supports Authoring Tool: Does not support	Web: While a visible focus is not explicitly provided for many of the course content interactions, the browser default focus does not seem suppressed. Please note that a visible focus cannot be seen on the course home page, or the grade report. Software: When playing the course audio using keyboard navigation, focus is visible on interactive components in the Spotify® desktop app. Authoring Tool: Using keyboard navigation to operate the Atto editor, focus was not visible on interactive components.

Criteria	Conformance Level	Remarks and Explanations
3.1.2 Language of Parts (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Software: Partially supports Authoring Tool: Supports	Web: Unidentified passages of language other than the default language of the page were present in only a few of lesson pages. Most lesson content in the course uses the default language of the page except for proper names, technical or musical terms, words of indeterminate language, or words or phrases that have become part of the vernacular of the immediately surrounding text. Software: In playing Spotify® hosted course audio, no languages other than the default language of the application were found. Note, a general 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. *Corrections for items related to Spotify® are controlled by Spotify®, a third-party software vendor.* Authoring Tool: 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.

Criteria	Conformance Level	Remarks and Explanations
3.2.3 Consistent Navigation (Level AA) Also applies to: EN 301 549 Criteria • 9.3.2.3 (Web) • 10.3.2.3 (Non-web document) – Does not apply • 11.3.2.3 (Open Functionality Software) – Does not apply • 11.3.2.3 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Software: Not applicable Authoring Tool: Supports	Web: Navigation links that are repeated on web pages do not change order when navigating through the site. Software: Not applicable 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.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria • 9.3.2.4 (Web) • 10.3.2.4 (Non-web document) – Does not apply • 11.3.2.4 (Open Functionality Software) – Does not apply • 11.3.2.4 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Partially supports Software: Not applicable Authoring Tool: Supports	Web: This course uses Spotify, Discover Music Player, and the HTML5 browser default audio player to play course audio. This may offer variable identification and functionality to users when playing course audio. Software: Not applicable Authoring Tool: In the Atto editor, components that have the same functionality are identified consistently on all pages on which the editor is present. Components produced by the Atto editor also have the same consistent name and functionality.

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA) Also applies to: EN 301 549 Criteria • 9.3.3.3 (Web) • 10.3.3.3 (Non-web document) • 11.3.3.3 (Open Functionality Software) • 11.3.3.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	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. 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. Authoring Tool: The Atto editor may automatically provide suggestion/ correction of some code errors such as mismatched HTML tags.

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: EN 301 549 Criteria • 9.3.3.4 (Web) • 10.3.3.4 (Non-web document) • 11.3.3.4 (Open Functionality Software) • 11.3.3.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Software: Supports Authoring Tool: Supports	Web: We offer academic exams and assignments, and most instructors choose to make final submissions 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. Software: No legal or financial transactions are needed to play course audio on the Spotify® desktop app. 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.

| 4.1.3 Status Messages (Level AA 2.1 only)

Also applies to:

EN 301 549 Criteria

• 9.4.1.3 (Web)
• 10.4.1.3 (Non-web document)
• 11.4.1.3 (Open Functionality Software)
• 11.4.1.3 (Closed Software) – Does not apply
• 11.8.2 (Authoring Tool)
• 12.1.2 (Product Docs)
• 12.2.4 (Support Docs)

Revised Section 508 – Does not apply | Web: Partially supports

Authoring Tool: Supports

Software: Not applicable | Web:

• 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.
• During the written assignment draft-saving or submission process, status alerts can be added to the page that are not programmatically determined through roles or other properties making them available to assistive technologies.
• For discussion forums, status messages are not provided for submission. There are some programmatic updates to assistive technology for missing required fields.
• The web-based Spotify® login page does not provide status alerts for errors in the login process.

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.

Software: Not applicable to this technology type. |

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 *OnMusic Explorations* 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	• 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 2.4.6 Headings and Labels • As described in 2.4.3 Focus order • As described in 2.4.4 Link purpose • As described in 3.1.2 Language of parts • As described in 3.2.2 On Input • As described in 3.2.4 Consistent identification • As described in 4.1.2 Name, role, and value

Criteria	Conformance Level	Remarks and Explanations
302.2 With Limited Vision	Partially supports	• 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 3.2.4 Consistent identification • 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	• As described in 1.4.1 Use of Color • As described in 1.4.3 Contrast (Minimum)
302.4 Without Hearing	Partially supports	• 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	• 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

Criteria	Conformance Level	Remarks and Explanations
302.7 With Limited Manipulation	Partially supports	• 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 2.4.7 Focus visible • As described in 3.2.4 Consistent identification • 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	• 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

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	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.
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.

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	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.
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	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
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.x 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
602 Support Documentation	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 WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	All support documentation is electronic.
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 by emailing to support@connect4education.com or by calling Technical Support at 1.7038801180 ext. 200.

Criteria	Conformance Level	Remarks and Explanations
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 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.

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Notes:

Chapter 4: Functional Performance Statements (FPS)

Notes: All content in *OnMusic Explorations* 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	- 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 1.4.10 Reflow - As described in 4.1.3 Status messages

Criteria	Conformance Level	Remarks and Explanations
4.2.2 Usage with limited vision	Partially supports	• 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 • 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 color	Partially supports	• 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	• 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	• 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	• As described in 2.1.1 Keyboard • As described in 2.1.2 No Keyboard trap

Criteria	Conformance Level	Remarks and Explanations
		• 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 2.5.3 Label in name • As described in 4.1.2 Name, role, and value
4.2.8 Usage with limited reach	Supports	• 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 2.5.3 Label in name • As described in 4.1.2 Name, role, and value
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		• 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 *OnMusic Explorations* courseware does not provide features specifically for accessibility.

Chapter 5: Generic Requirements

Notes: Not applicable to *OnMusic Explorations.* This course does not utilize closed functionality components. This chapter is removed.

Chapter 6: ICT with Two-Way Voice Communication

Notes: Not applicable to *OnMusic Explorations.* 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 *OnMusic Explorations* 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 *OnMusic Explorations* course videos.
7.2.2 Audio description synchronization	Does not support	Audio descriptions are currently not provided for *OnMusic Explorations* course videos.

Criteria	Conformance Level	Remarks and Explanations
7.2.3 Preservation of audio description	Does not support	Audio descriptions are currently not provided for *OnMusic Explorations* course videos.
7.3 User controls for captions and audio description	Partially supports	For *OnMusic Explorations* 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 *OnMusic Explorations* course. This Chapter is removed.

Notes:

Chapter 10: Non-Web Documents

Notes: The *OnMusic Explorations* 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.

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
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 *OnMusic Explorations* 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
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.

Criteria	Conformance Level	Remarks and Explanations
11.5.2.5 Object information	Partially supports	Several buttons and one menu item were found with null names. 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 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 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.

Criteria	Conformance Level	Remarks and Explanations
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 settings for color, 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 *OnMusic Explorations* course.	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
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 *OnMusic Explorations* and is not provided by the Atto Editor.
11.8.4 Repair assistance	Supports	When creating written assignment submissions for *OnMusic Explorations* 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 *OnMusic Explorations* 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 *OnMusic Explorations* 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®.

Criteria	Conformance Level	Remarks and Explanations
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. 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, 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.
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 *OnMusic Explorations course* and is removed.

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