Connect For Education® Accessibility Conformance Report

International Edition

VPAT® Version 2.2 – July 2018

Name of Product/Version:

Web

OnMusic Fundamentals 3rd edition

Product Description:

OnMusic Fundamentals 3rd edition is a higher education level music fundamentals digital textbook displayed in a Learning Management System (web application located at URL https://c4elink.org).

Date:

April 10, 2019

Contact information:

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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.

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. Electronic documents that are in the course as downloadable PDFs were

evaluated. 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:

Standard/Guideline	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: Software, Closed, Authoring Tool were removed from the Conformance Level column and the Remarks and Explanations column. None of these types of information/communication technologies are present in the digital text under evaluation.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Supports	Web: 1) The banner image on the main course index page that functions as a heading for the textbook title has no alt text 2) Some interactive practice exercises have no embedded text alternative. 3) Interactive activities in the "Show Me" section of the supplemental toolbar and in the lecture content have no text alternative. These activities are, however, visual alternatives to concepts explained in the lecture text. Currently, they are not yet labeled as such. Electronic Docs: All non-text content is properly marked.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Supports	Web: Audio files of instrumental music (i.e., no lyrics or speech included) were found in most pages surveyed. These files are correctly labeled for composer, title, and timestamps. Because no lyrics are present, no transcript is needed. One page in the audit that opened through the supplemental toolbar feature 'Discover Music' depicted songs for which there are no lyrics. Also, audio files were found depicting notes such as scales. These files do not need transcripts. Their contents are plainly labeled/discussed in the text. Electronic Docs: No video only or audio only content is present in the downloadable PDFs.

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports	Web: Videos in this textbook contain supplemental content. All assessed material appears in the lecture content. Most videos have captions. However, a few remain that have yet to be captioned. Captioning these few remaining videos is an ongoing project. Electronic Docs: Supports. No video is present in the downloadable PDFs.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: Videos in this textbook contain supplemental content. All assessed material appears in the lecture content. In almost every case, video audio is descriptive of the content. However, a few videos in the supplemental 'Discover Video section were found to need Audio Descriptions. Electronic Docs: Supports. No video is present in the downloadable PDFs.
1.3.1 Info and Relationships (Level A) Also applies to: EN 301 549 Criteria • 9.2.7 (Web) • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: 1) The practice exercises and ear training exercises have a timer slider that has a label that is only visually associated. This text needs to be programmatically associated with the slider. These activities are typically optional at the discretion of the instructor. 2) Some optional practice exercises and the ear training exercises have images of text that only visually function as headings. 3) Content pages contain three tables that did not have header cells or

Criteria	Conformance Level	Remarks and Explanations
		scope attributes. These tables will be repaired. 4) The Acclaim tool page, the supplemental keywords feature in the toolbar, and the main course index page have errors related to improper children of a list element. 5) On the main course index page, the image of text in the banner is functioning as an H1 level heading to sighted users – however, that information is not conveyed programmatically. 6) One lesson content page surveyed had clickable audio icon buttons with label text only visually associated to the buttons. Electronic Docs: Supports. Information is presented the same both programmatically and visually.
1.3.2 Meaningful Sequence (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Supports.	Web: The reading and navigation order (determined by code order) of the text is logical and intuitive. However, a table was found on a content page during the audit that presented inputs separately from their labels. This caused the information to be presented out of sequence. This table will be repaired. Electronic Docs: Supports.
1.3.3 Sensory Characteristics (Level A) Also applies to: EN 301 549 Criteria • 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)	Web: Supports Electronic Docs: Supports.	Web: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components. Electronic Docs: Supports.

Criteria	Conformance Level	Remarks and Explanations
• 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
1.4.1 Use of Color (Level A) Also applies to: EN 301 549 Criteria • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Several of the content pages display links that are distinguished by lightness/darkness contrast with the surrounding text. These links display a cursor pointer on hover. They are underlined on keyboard focus. Electronic Docs: Supports.
1.4.2 Audio Control (Level A) Also applies to: EN 301 549 Criteria • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: All audio is started by user input and does not proceed automatically. Electronic Docs: Supports.
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria • 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)	Web: Partially supports Electronic Docs: Supports.	Web: Multiple issues exist including: 1) Interactive elements in some of the main lesson pages are not accessible using keyboard only. 2) Not all elements shown in the supplemental toolbar popup windows receive focus. The "Show Me" elements do not receive focus from the keyboard. However, the windows

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		have focusable close buttons and dismiss correctly via the escape key. 3) The optional ear training and some practice exercises are not keyboard accessible. 4) The course list on the main Moodle menu 'my courses' is not accessible with the screen reader. The keystrokes to open the dropdown menu will open it. 5) On the Acclaim tool page, when a user clicks the 'New Folder' button, the modal popup window that opens is not keyboard accessible. Focus does not enter this popup window. As a workaround until this issue is repaired, the volume slider in the player interface is fully accessible and will control volume. Electronic Docs: Supports.
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Supports.	Web 1) The 'Help' widget, found on every page of this application, is a keyboard trap. A user can tab over it without incident. However, if it is opened, the focus cannot leave it by tab key alone. A screen reader user can use alternate methods to get out of it such as the arrow key. The only way to extricate focus for a keyboard-only user is to reload the page. This trap is the only trap found and is currently being evaluated by our development team. 2) The piano keyboard that is can be opened and used on lesson content pages is a keyboard trap once it is opened. In the collapsed state, it does not trap focus. **A solution for removing these traps is known. Repair is being planned as soon as possible. Electronic Docs: Supports.
2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria	Web: Supports	Web: Adjustable timing is particularly relevant to our exams. Our settings provide ways to fully adjust or remove

Criteria	Conformance Level	Remarks and Explanations
• 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Supports.	timing constraints for whole classes or individual students. Electronic Docs: Supports.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: This text does not include moving, blinking, scrolling, or auto updating content. Electronic Docs: Supports.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Our textbooks do not contain anything that flashes more than three times in any one second period. Electronic Docs: Supports.
2.4.1 Bypass Blocks (Level A) Also applies to: EN 301 549 Criteria • 9.2.20 (Web)	Web: Partially supports	Web: Our text book pages contain skip links, landmarks, and semantic structures to help users navigate. However,

Criteria	Conformance Level	Remarks and Explanations
• 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) 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	Electronic Docs: Supports.	1) our content pages contain interactive content labeled 'Show Me' in untitled iframes. Electronic Docs: Supports.
2.4.2 Page Titled (Level A) Also applies to: EN 301 549 Criteria • 9.2.21 (Web) • 10.2.21 (non-web document) • 11.2.1.21 (Software) - Does not apply • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Pages are titled Electronic Docs: Supports.
2.4.3 Focus Order (Level A) Also applies to: EN 301 549 Criteria • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: In all pages audited, focus order was found to be correct. Electronic Docs: Supports.

Criteria	Conformance Level	Remarks and Explanations
2.4.4 Link Purpose (In Context) (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: 1)'Inspect Assignments' page has unlabeled icons that are links to assignment pages in the text. Screen readers read the filename of the icons. Until this issue is repaired, users can rely on the link text – the page names- that are next to the icons. 2) A blank link exists in the supplemental learning tools modal popup windows that open from the toolbar. Electronic Docs: Supports.
3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: All pages had a language attribute except for some pages shown through iframes. Electronic Docs: Supports.
3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Web: Supports Electronic Docs: Supports.	Web: When any component receives focus, it does not initiate a change of context. Electronic Docs: Supports.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Entering data or selecting a form control has predictable effects in our texts. Electronic Docs: Supports.
3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Wherever appropriate, when an input error is automatically detected, the item that is in error is identified and the error is described to the user. Electronic Docs: Supports.
3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: 1) The select box in the collapsed version of the "Show Me" feature is unlabeled 2) The drop down select form that appears when Chapter Outline lists are collapsed are unlabeled form elements. 3) Instructions and input control labels for Practice Exercises and the Ear Training exercises are not available in text or programmatic alternative.

Criteria	Conformance Level	Remarks and Explanations
		4) In the Practice Exercises, on the start page: the slider element for users to select the amount of time given for each question has a text label near the control but not programmatically associated with the control. These activities are typically optional at the discretion of the instructor. 5) On the "User Report" page the drop-down menu has an explicit <label> that is hidden. As a workaround, the purpose of this very brief list dropdown can be explored safely via keyboard or screen reader until repair is completed. Electronic Docs: Supports.
4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria 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) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: The main lecture content is free of parse errors; however, 1) one duplicate id in the header of all application pages exists. 2) A few low-level parse errors exist in supplemental or typically optional material related to multiple id's. Because of the nature and location of the parse errors, the impact to users is likely minor – but the errors will be repaired as soon as possible. Electronic Docs: Supports.
4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria 9.2.38 (Web) 10.2.38 (non-web document) 11.2.1.38 (Software)	Web: Partially supports Electronic Docs: Supports.	Web: 1) Some 'speaker icon' buttons used to play audio in some of the lessons do not have accessible names. As a workaround, until repair is made, the

Criteria	Conformance Level	Remarks and Explanations
• 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		purpose of these buttons can likely be discerned from the nearby text. 2) The Listen to Lecture Player mute button is not labeled. 3) In the lesson content and the 'Show Me' section of the supplemental toolbar, the 'Show Me' interactive activities are in untitled iframes. The purpose of the iframes/activities can be understood from the context of the surrounding text, until a repair is completed. 4) The interactive activities displayed in the 'Show Me' section of the toolbar and in some of the lesson content pages contain controls that have no accessible names. (Keyboard access is not possible). 5) The 'Download Center' popup window opening from the toolbar is within an untitled iframe. 6) There is an invalid ARIA attribute value in the Connect feature: aria-controls="contacts-tab-panel". 7) In the interactive Ear Training Activities and Practice Exercises; none of the controls or buttons have discernible names. Please note that these activities are typically optional at the discretion of the instructor. 8) In the Acclaim feature, when the browser zooms this page to 200%, the add folder button text disappears and an icon is shown instead. This button must have discernible text Electronic Docs: Supports.

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	Web: Supports	Web: The textbook content does not include streaming live media.

Criteria	Conformance Level	Remarks and Explanations
• 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Supports.	Electronic Docs: Live video is not present.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: Videos in this textbook are supplemental content. All assessed material appears in the text of the lecture content. In almost every case, video audio is descriptive of the video content. However, a few videos in the supplemental 'Discover Video section were found to need Audio Descriptions. Electronic Docs: Video is not present in the course PDFs.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Supports.	Web: Two-thirds of the pages surveyed contained between 1 and 4 minimum contrast errors. Electronic Docs: Contrast is sufficient in the course PDFs.
1.4.4 Resize text (Level AA) Also applies to: EN 301 549 Criteria • 9.2.13 (Web)	Web: Partially supports	Web: Most content worked well when zoomed to 200% size using the browser.

Criteria	Conformance Level	Remarks and Explanations
• 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Supports.	1) However, one word was cut off in the popup window of the 'Keywords' toolbar feature. This item has been sent to our development team for evaluation. 2) The music scores opening from the lesson content in a popup window for "First Sea Interlude" and "Jimbo's Lullaby" are not entirely viewable at 200% browser magnification. They do not scroll. The icon that opens them does not scale up with the rest of the text/images. The icon to open this feature remains very small when the rest of the page scales. 3) The table of information on the 'User Report' page becomes distorted and unreadable at 200% browser zoom. The category headers are lost on the gray tweed background. As a workaround, view this page when zoomed with the style sheet off. Electronic Docs: Content can be zoomed to at least 200%, but scrolling is needed to view all content.
1.4.5 Images of Text (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Supports.	Web: 1) The title of the textbook found on the main course index page is an image of text with no alt text. The banner image on this page functions as a level one heading and provides the name of the textbook. 2) The interactive image-based Ear Training and Practice Exercises use 'images' of text with no text alternative. Electronic Docs: Some images of text exist; however, it is decorative and marked as such.
2.4.5 Multiple Ways (Level AA) Also applies to: EN 301 549 Criteria • 9.2.24 (Web) • 10.2.24 (non-web document) – Does not apply	Web: Supports Electronic Docs: Supports.	Web: More than one way is available to locate a Web page within this application Electronic Docs: The PDFs are very short and do not need bookmarks.

Criteria	Conformance Level	Remarks and Explanations
11.2.1.24 (Software) – Does not apply 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 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs		
2.4.6 Headings and Labels (Level AA) Also applies to: EN 301 549 Criteria 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 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: When headings and labels are provided, they are descriptive. Electronic Docs: Headlines and labels, when present, are descriptive.
2.4.7 Focus Visible (Level AA) Also applies to: EN 301 549 Criteria 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 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Our style sheets do not disable the default browser focus. Visible focus was shown to be supported in all audited pages. Electronic Docs: Focus, when focusable items are present, is not disabled or lost.
3.1.2 Language of Parts (Level AA) Also applies to: EN 301 549 Criteria 9.2.28 (Web)	Web: Supports Electronic Docs: Supports.	Web: The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or

Criteria	Conformance Level	Remarks and Explanations
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) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		phrases that have become part of the vernacular of the immediately surrounding text. Electronic Docs: The default language of the document is stated in the document properties.
3.2.3 Consistent Navigation (Level AA) Also applies to: EN 301 549 Criteria 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) 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 Electronic Docs: Supports.	Web: Navigation links that are repeated on web pages do not change order when navigating through the site. Electronic Docs: Supports.
3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria 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) 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 Electronic Docs: Supports.	Web: Components that have the same functionality within a set of Web pages are identified consistently. Electronic Docs: Repeated components are not present. Pages are numbered.

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA) Also applies to: EN 301 549 Criteria • 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) Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	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 the content. Electronic Docs: Forms are not present in the electronic docs.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: EN 301 549 Criteria • 9.2.36 (Web) • 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 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports.	Web: Our textbook content does not have pages that cause legal commitments or financial transactions. Test answer submissions are typically not reversible due to the nature of exam integrity. However, instructors can choose to change this exam setting. 1) Data entered by the user is checked for input errors such as failure to mark a response on an exam. The user is provided an opportunity to correct data before submitting. 2) A mechanism is available for reviewing, confirming, and correcting information before finalizing the test question submission. 3) When altering account information, the user has an opportunity to review and correct the information before submitting it. Electronic Docs: Forms are not present in the electronic docs.

Table 3: Success Criteria, Level AAA

Notes: This table has been removed. Level AAA of the success criteria was not evaluated.

Revised Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes: Connect For Education® does not offer equivalent functioning products for its digital textbooks. All parts of the OnMusic Fundamentals 3rd edition digital textbook is addressed by the Web Content Accessibility 2.0 Guidelines. However, OnMusic Fundamentals 3rd edition does not fully support all WCAG 2.0 criteria. Therefore, WCAG 2.0 criteria are mapped to the Functional Performance Criteria table with conformance levels and remarks when the conformance level is less than 'Supports'.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially supports	1) As described in 1.1.1 Non-text Content, Non-text content exists on multiple pages that needs alternative text. 2) As described in 1.2.5, a few supplemental and optional videos did not have needed audio descriptions. 3) As described in 1.3.1 Info and Relationships, a few elements do not programmatically convey semantic information that is displayed visually. 4) As described in 1.3.2, a few tables exist wherein the sequence of information is programmatically out of order. 5) As described in 1.4.5, images of text with no text alternative were found in a few locations: The main course index page, Ear Training and Practice Exercises. Please note that the practice exercises are typically optional at the discretion of the instructor. 6) As described in 2.1.1 Keyboard, some interactive components are not keyboard accessible. 7) As described in 2.1.2, a keyboard trap appears in the opened help desk widget appearing on every page of the application. A keyboard trap also appears

Criteria	Conformance Level	Remarks and Explanations
		in the opened piano keyboard tool.
		8) As described in 3.3.2, multiple issues exist with disassociated or missing labels in the Practice Exercises. Please note that these practice exercises are typically optional at the discretion of the instructor.
		9) As described in 2.4.4 Link Purpose, one course management area page did not support this success criteria.
		10) As described in 4.1.2 Name, Role, Value, issues exist on multiple pages with missing names incorrect roles.
302.2 With Limited Vision	Partially supports	1) As described in 1.1.1 Non-text Content, non-text content exists on multiple pages that needs alternative text. 2) As described in 1.4.3 Sufficient Contrast, multiple contrast errors exist throughout the pages tested.
302.3 Without Perception of Color	Supports	Color coding was not found in this textbook.
302.4 Without Hearing	Partially supports	As described in 1.2.2, most course videos have captioning. Most courses that use videos that do not meet WCAG 1.2.2 / Section 508 standards are supplemental and, if needed, their inclusion in the text can be suppressed without compromising meeting course learning objectives.
302.5 With Limited Hearing	Partially supports	As described in 1.2.2, most course videos have captioning. Most courses that use videos that do not meet WCAG 1.1.2 / Section 508 standards are supplemental and, if needed,

Criteria	Conformance Level	Remarks and Explanations
		their inclusion in the text can be suppressed without compromising
302.6 Without Speech	Supports	Speech is not needed to operate or interact with OnMusic Fundamentals 3rd edition.
302.7 With Limited Manipulation	Does not support	1) As described in 2.1.1 Keyboard, some supplemental interactive components are not keyboard accessible. 2) As described in 2.4.1, some of untitled iframes were found in this application.
302.8 With Limited Reach and Strength	Does not support	1) As described in 2.1.1 Keyboard, some supplemental interactive components are not keyboard accessible.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially supports	As described in 2.4.4 Link Purpose, most of our links show their purpose in the link text, or with aria-labeling

Chapter 4: Hardware

Notes: This chapter is removed. No hardware exists in this web application.

Chapter 5: Software

Notes: This chapter is removed. No special software is required for this web application.

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

Criteria	Conformance Level	Remarks and Explanations
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, 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:

Chapter 4: 4.2 Functional Performance Statements (FPS)

All parts of the OnMusic Fundamentals 3rd edition digital textbook is addressed by the Web Content Accessibility 2.0 Guidelines. However, OnMusic Fundamentals 3rd edition does not fully support all WCAG 2.0 criteria. Therefore, WCAG 2.0 criteria are mapped to the Functional Performance Statements table with conformance levels and remarks when the conformance level is less than 'Supports'.

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially Supports	1) As described in 1.1.1 Non-text Content, Non-text content exists on multiple pages that needs alternative text. 2) As described in 1.2.5, a few supplemental and optional videos did not have needed audio descriptions. 3) As described in 1.3.1 Info and Relationships, a few elements do not programmatically convey semantic information that is displayed visually. 4) As described in 1.3.2, a few tables exist wherein the sequence of information is programmatically out of order. 5) As described in 1.4.5, images of text with no text alternative were found in a few locations: The main course index page and the practice exercises. Please note that the practice activities are typically optional at the discretion of the instructor. 6) As described in 2.1.1 Keyboard, some interactive components are not keyboard accessible. 7) As described in 2.1.2, a keyboard trap appears in the opened help desk widget appearing on every page of the application. A keyboard trap also appears in the opened piano keyboard tool. 8) As described in 3.3.2, multiple issues exist with disassociated or missing labels in the Practice Activities. Please note that the practice exercises are

Criteria	Conformance Level	Remarks and Explanations
		typically optional at the discretion of the instructor. 9) As described in 2.4.4 Link Purpose, one course management area page did not support this success criteria. 10) As described in 4.1.2 Name, Role, Value, issues exist on multiple pages with missing names incorrect roles.
4.2.2 Usage with limited vision	Partially supports	1) As described in 1.1.1 Non-text Content, non-text content exists on multiple pages that needs alternative text. 2) As described in 1.4.3 Sufficient Contrast, multiple contrast errors exist throughout the pages tested.
4.2.3 Usage without perception of colour	Supports	Color coding was not found in this textbook.
4.2.4 Usage without hearing	Partially supports	As described in 1.2.2, most course videos have captioning. Most courses that use videos that do not meet WCAG 1.2.2 / Section 508 standards are supplemental and, if needed, their inclusion in the text can be suppressed without compromising meeting course learning objectives.
4.2.5 Usage with limited hearing	Partially supports	As described in 1.2.2, most course videos have 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
4.2.6 Usage without vocal capability	Supports	Vocal capability is not needed to interact with the text. Touch,

Criteria	Conformance Level	Remarks and Explanations
		keyboard, or mouse input is functional.
4.2.7 Usage with limited manipulation or strength	Partially Supports	1) As described in 2.1.1 Keyboard, Most of OnMusic Fundamentals 3rd edition does not necessitate fine motor control such as path dependent gestures, pinching, twisting, tight grasping or simultaneous manual actions. However, some Practice Exercises use drag and drop format that has no alternative input available. These practice exercises are typically optional at the discretion of the instructor. 2) As described in 2.4.1, some of untitled iframes were found in this application.
4.2.8 Usage with limited reach	Supports	These texts are not free standing or installed on specific hardware.
4.2.9 Minimize photosensitive seizure triggers	Supports	The content does not flash
4.2.10 Usage with limited cognition	Supports	The texts use adjustable timings, error indication and error fix suggestion on assessments. The texts have a logical focus order in the lecture content.
4.2.11 Privacy	Supports	When accommodations are provided to individual students for extra time for exams, these accommodations are private to the instructor and the student. No other accessibility settings are present in the courses.

Chapter 5: Generic Requirements

Notes: Not applicable to Connect For Education® products. OnMusic Fundamentals 3rd edition is web content and is not a 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.
7.1.2 Captioning synchronization	Supports	When captions are present, the mechanism to display the captions preserves the synchronization between the audio and corresponding captions.
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 separate audio description tracks.
7.2.2 Audio description synchronization	Does not support	Connect For Education® digital texts use video players which have no mechanism to select separate audio description tracks.
7.2.3 Preservation of audio description	Does not support	Connect For Education® digital texts use video players which have no mechanism to select separate audio description tracks.
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. The Chapter 8: Hardware table is removed.

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 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 textbook lecture content. The following section refers to the accessible PDF of lecture content under those circumstances only.

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	Accessible PDF copies of the text lecture content are 'text only' and do not contain synchronized media.
10.2.40 Audio description timing	Supported	Accessible PDF copies of the text lecture content are 'text only' and do not contain synchronized media.

Chapter 11: Software

Notes: Special software is not required to the OnMusic Fundamentals 3rd edition text. This table is removed.

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

Criteria	Conformance Level	Remarks and Explanations
		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 2.0 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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