



Making Your Websites/Videos Accessible

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Section 508

Workforce Rehabilitation Act 1973



Title III

American's with Disabilities Act 1990



What Title III of the ADA says

All businesses and nonprofit services providers are required to make accessibility accommodations to enable the disabled public to access the same services as clients who are not disabled



25th Anniversary



ADA Concerns In Online Course Content



Content/Interaction types

Asynchronous – Content is prepared ahead of time, accommodations can be made as part of the build process.

Synchronous – Includes livestreams and online proctoring, also requires work up front to ensure accommodations can be made.



Platforms

Accessibility of Learning Management System (Blackboard)

Gold level certification for non-visual access, issued by the National Federation of the Blind (NFB)

Conformance with the Web Content Accessibility Guidelines (WCAG) 2.0
Priority AA

<http://www.blackboard.com/Platforms/Learn/Resources/Accessibility.aspx>



Platforms

Course implementation with respect to ADA concerns

Color scheme fitting WSU Guidelines and recommendations of accessibility manager.

Guidelines for content <https://elearning.wsu.edu/OnlineCourses/develop/ada.aspx>

ReadSpeaker – Tool providing text to speech.

Transcriptions & closed captions when available (youtube, 3Play Media) – copyright concerns.

Syllabi all receive accessibility information.



Blackboard

The screenshot shows the Blackboard user interface for Christopher Coons. The browser address bar displays https://learn.wsu.edu/webapps/portal/execute/tabs/tabAction/tab_tab_group_id=,3,1. The page header includes the Washington State University logo and navigation links for My Institution, Content Collection, and System Admin. The main content area is divided into several sections:

- Tools:** Announcements, Calendar, Tests, My Grades, Send Email.
- My Announcements:** No Institution Announcements have been posted in the last 7 days. No Course or Organization Announcements have been posted in the last 7 days. [View announcements...](#)
- System Announcements:** Browser Issues: Internet Explorer users may experience display issues in Blackboard Learn. For help, visit the Internet Explorer Browser Support page.
- My Tasks:** No tasks due. [View tasks...](#)
- Blue Tasks for BBLearn:** (Section partially visible)
- My Courses:** Courses to which you are assigned as the primary instructor. New processes allow you to create and manage your Blackboard Learn course spaces in real time - no waiting on support staff to respond to your request. If you require assistance just email online_registration@wsu.edu.
 1. Select **ACTIVATE** next to the course ID to create your new course space, manage and edit content. When the course ID is an active hyperlink, the course space has been activated.
 2. If needed, **MERGE** course spaces so that you can manage just one course space for multiple sections. - [Instructions](#)
 3. To **COPY** an existing Blackboard course into a newly activated one. [Instructions](#)
- Alerts:** Edit Notification Settings, Past Due (No Notifications), Retention Center Alerts (course_testing (1), 2014 Fall OW IN SANDBOX 099 LEC Total Leadership (1)), Active Alerts.

At the bottom, there is a dropdown menu for Term (2014 Fall), a Show Rosters button, and a search field.



(Asynchronous) Online Video

Two pronged approach

Manage media inventory and transcribe all media.

Working towards closed captions for all media.

Access center and Global Campus Online Accessibility Manager can assist with accommodations as needed.

Update transcription task priorities to best serve students requiring accommodations.

Create closed captioned videos for those who need it.



(Synchronous) Live Streams & Proctoring

Live Streams can optionally utilize a hired 3rd party captioner.

Embedded into the signal to provide open captioning – two streams are provided.



(Synchronous) Live Streams & Proctoring

Proctoring online exams

Students often get accommodated times (1.5x, 2x, 3x, 4x) to take exams.

System helps students schedule an accommodated proctoring session.

Additional accommodations discussed between Accessibility Manager and Proctor Center Manager.

Overall the process helps to ensure that proctor receives student accommodations and they can implement for the online exam session.



The Process (work done up-front)

Students directed to start with WSU Access center.

Must maintain current information, update each semester.

Route to all instructors to make them aware.

Access center shares documented accommodations with Global Campus.

System enhancements can improve the workflow and make the process easier for student, instructors, Access Center and Global Campus staff.



The Process (work done up-front)

GC Online Accessibility Manager works with Access Center and Proctoring Center as well as eLearning Consultants, Production team and application developers.

Focus on scalable process while addressing specific issues just-in-time.

Media workflows (iterative process) ensures all media is being made accessible.



Transcription Tasks

|| Status : Deferred (160)

|| Status : In Progress (6)

Count = 6

⊖ Create Transcript Request - af001_28_sr(151) (1:05)	Almada, Michele	2/4/2015	(1) High	In Progress	5/18/2015 3:14 PM	Gingerich, Sara Marie
⊖ Create Transcript Request - a08441_01_sr(151) (24:20)	Gregory, Ruth	3/2/2015	(2) Normal	In Progress	5/15/2015 9:36 AM	Almada, Michele
⊖ Create Transcript Request - m00001_01_sr(151)	Almada, Michele	4/7/2015	(2) Normal	In Progress	5/15/2015 2:30 PM	Gingerich, Sara Marie
⊖ Create Transcript Request - b0200_02_sr(151)	Almada, Michele	4/7/2015	(1) High	In Progress	5/15/2015 2:45 PM	Gingerich, Sara Marie
⊖ Create Transcript Request - m000411_07_sr(151)	Gingerich, Sara Marie	4/7/2015	(1) High	In Progress	5/14/2015 1:16 PM	Gingerich, Sara Marie
⊖ Create Transcript Request - m000411_08_sr(151)	Gingerich, Sara Marie	4/7/2015	(1) High	In Progress	5/14/2015 1:17 PM	Gingerich, Sara Marie



Media Verifications

CDPE Intranet > Media Verifications

Media Verifications

Home Actions Settings 1 - 100 View: 2015-summer

Title	course_id	Modified	MediaWorkflow_Version01	CDPEMediaWorkflow_V01
Count = 228				
Media Verification for 2015-summer-online-WOMEN_ST-484-3139-LEC	2015-summer-online-WOMEN_ST-484-3139-LEC	4/28/2015 3:03 PM	Cancelled	Completed
Media Verification for 2015-SUMM-ONLN-ENOLCERT-187-NC75244-LEC	2015-SUMM-ONLN-ENOLCERT-187-NC75244-LEC	4/28/2015 7:54 AM		In Progress
Media Verification for 2015-SUMM-ONLN-ENOLCERT-186-NC75243-LEC	2015-SUMM-ONLN-ENOLCERT-186-NC75243-LEC	4/28/2015 7:53 AM		In Progress
Media Verification for 2015-SUMM-ONLN-VETCERT-111-NC75236-LEC	2015-SUMM-ONLN-VETCERT-111-NC75236-LEC	4/28/2015 7:54 AM		In Progress
Media Verification for 2015-SUMM-ONLN-FOOD-103-NC99759-LEC	2015-SUMM-ONLN-FOOD-103-NC99759-LEC	3/5/2015 4:24 PM		Completed
Media Verification for 2015-SUMM-ONLN-FOOD-104-NC99760-LEC	2015-SUMM-ONLN-FOOD-104-NC99760-LEC	3/18/2014 12:28 PM		Completed
Media Verification for 2015-SUMM-ONLN-ADV_DEMO-101-NC124245-LEC	2015-SUMM-ONLN-ADV_DEMO-101-NC124245-LEC	4/8/2015 2:40 PM		In Progress
Media Verification for 2015-summer-ONLN-FOR_LANG-300-2508-IND	2015-summer-ONLN-FOR_LANG-300-2508-IND	4/24/2015 4:05 PM		Completed
Media Verification for 2015-SUMM-ONLN-ISO-099-NC113028-LEC	2015-SUMM-ONLN-ISO-099-NC113028-LEC	2/4/2015 11:35 AM		Completed
Media Verification for 2015-summer-ONLN-ECORG-301-2989-LEC	2015-summer-ONLN-ECORG-301-2989-LEC	5/13/2015 7:52 AM		Completed
Media Verification for 2015-summer-online-PS-515-3276-LEC	2015-summer-online-PS-515-3276-LEC	5/8/2015 2:49 PM		Completed



Proctoring Site

You have Exam Disability Accommodations

You have been identified as having Disability Accommodations.

Select here to view your accommodations

[Summer 2015](#)

If you have questions regarding your accommodations, please contact the [WSU Access Center](#) for assistance.

If you have questions regarding scheduling an exam, please use the Contact Us link in the menu to the left.



Proctoring Site

GLOBAL CAMPUS
PROCTORING SERVICES

HOME

SCHEDULE AN EXAM

TAKE AN EXAM

SYSTEM CHECK

STUDENT RESPONSIBILITIES

CONTACT US

ZING

WSU GLOBAL CAMPUS ONLINE DEGREES | PROCTORING SERVICES SCHEDULE AN EXAM

Select the exam you wish to schedule, then choose a day and time that is available to take the exam. All times are listed in Pacific Time. [Select this link](#) to view our operating hours. If you have difficulty scheduling a proctoring session, please contact GCPS immediately at 509-335-6827 so we can assist you. You do not need to contact your instructor.

Please note: When scheduling a new exam, the time you select is reserved for 1 hour. After 1 hour, if you have NOT paid you will lose the time slot and have to start over.

Course	ONLN_EXAM 100
Exam Title	DFLC Exit Proficiency Examination
Open Date	1/1/2014 12:00:00 AM
Close Date	1/1/2114 11:59:00 PM
Outstanding Payment	0.00

Duration: 2 hours 30 minutes

Select a Date: 05/21/2015

Available Times: 10:00 AM

- ...Select Your Accommodated Time Extension...
Select Your Accommodated Time Extension
1
1.5
2
2.5
3
3.5
4



Video



Closed Captioning

<http://www.btistudios.com/closed-captioning.html>



Closed Captioning

http://ncam.wgbh.org/invent_build/web_multimedia/tools-guidelines/magpie



Video





Visually Impaired

<https://www.youtube.com/watch?v=B8BD9txkGL4>



Sign Language

<http://www.btistudios.com/british-sign-language.html>



Compliant Web Content



- Provide every image, video file, audio file, and plug-in with an alt tag;
- Complex graphics should be accompanied by detailed text descriptions;
- The alt descriptions should describe the purpose of the objects;
- If an image is also used as a link, make sure the alt tag describes the graphic and the link destination;
- Add captions to videos;
- Add audio descriptions;
- Create text transcripts;
- Create a link to the video rather than embedding it into web pages;
- Data tables should have the column and row headers appropriately identified using the <th> tag;
- Table cells should be associated with the appropriate headers — with the id, headers, scope, or axis HTML attributes;
- Provide a link to a disability-accessible page where the plug-in can be downloaded;
- All Java applets, scripts, and plug-ins — including Acrobat PDF files and PowerPoint files — and the content within them should be accessible to assistive technologies, or else offer an alternative means of accessing equivalent content;
- When form controls are text input fields use the LABEL element.



<http://www.hhs.gov/web/508/>



**[http://wave.webaim.org/report#/
wsu.edu](http://wave.webaim.org/report#/wsu.edu)**



W3C

Web Content Accessibility Guidelines (WCAG)

<http://www.w3.org/TR/WCAG20/>



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