# BUILDING ACCESSIBLE COURSE MATERIALS

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# Objectives

- Discuss Universal Design for Learning
- Explain how to create accessible documents
- Explain how to create accessible videos

# What is your biggest question about accessibility?

# Universal Design for Learning (UDL)

- UDL is a framework to improve and optimize teaching and learning for all people based on scientific insights into how humans learn.
- UDL Guidelines
  - Provides concrete suggestions for teaching that can be applied to any discipline
  - Ensures that all learners can **access and participate** in meaningful, challenging learning opportunities

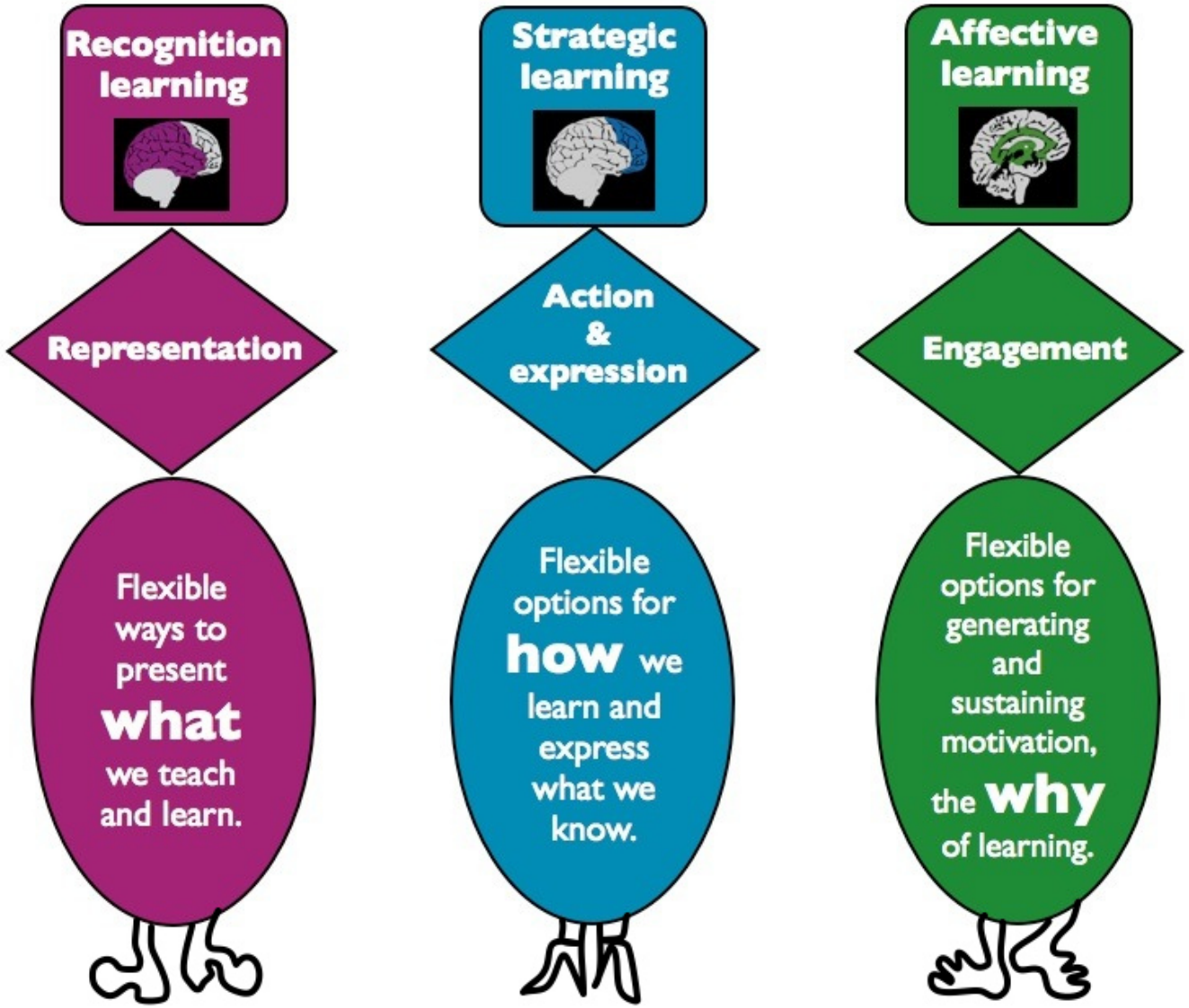
http://www.cast.org/impact/universal-design-for-learning-udl

# Universal Design for Learning

3 primary networks

3 principles of UDL

3 sets of UDL guidelines

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http://www.cast.org/impact/universal-design-for-learning-udl

# Web Accessibility

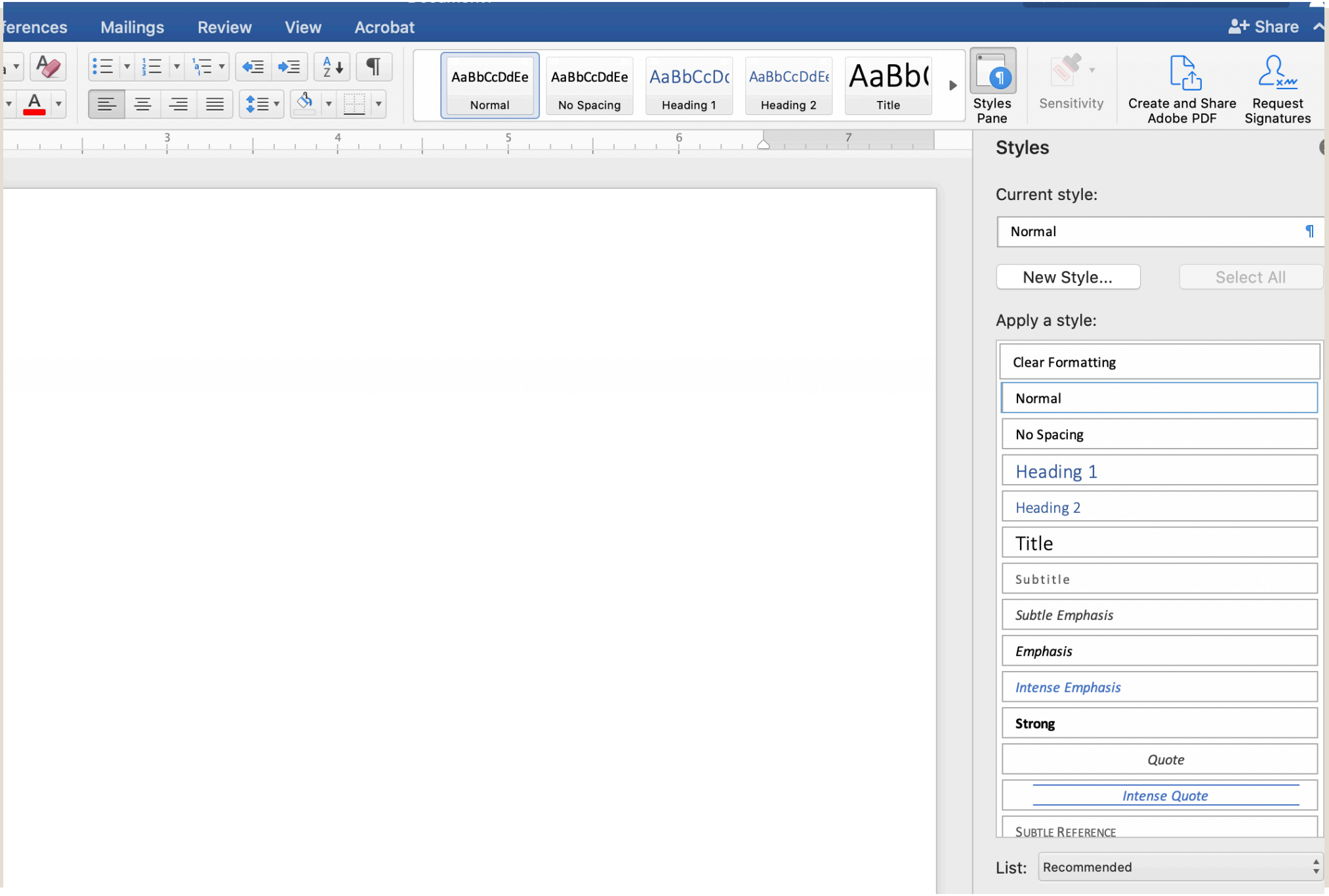
- Standards to make our online content accessible to the broadest range of people
- Online content in our world:
  - Accessible docs – Word, PDF, PPT files
  - Websites – LMS
  - Videos

# For Word, PDF, PPT

- Provide alternative text (alt-text) descriptions for non-text elements
- Avoid using color to convey meaning
- Use of color combinations that provides a sufficient degree of contrast
- Use of text instead of images of text
- Avoid flashing or blinking elements

# Accessible Word doc

- Heading Structure
- List Structure
- Tables
- Links

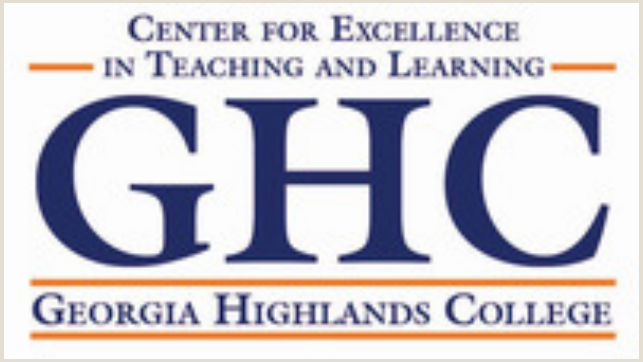

ferences
Mailings
Review
View
Acrobat
Share
AaBbCcDdEe
Normal
AaBbCcDdEe
No Spacing
AaBbCcDc
Heading 1
AaBbCcDdEe
Heading 2
AaBbC
Title
Styles Pane
Sensitivity
Create and Share Adobe PDF
Request Signatures
Styles
Current style:
Normal
New Style...
Select All
Apply a style:
Clear Formatting
Normal
No Spacing
Heading 1
Heading 2
Title
Subtitle
Subtle Emphasis
Emphasis
Intense Emphasis
Strong
Quote
Intense Quote
Subtle Reference
List:
Recommended

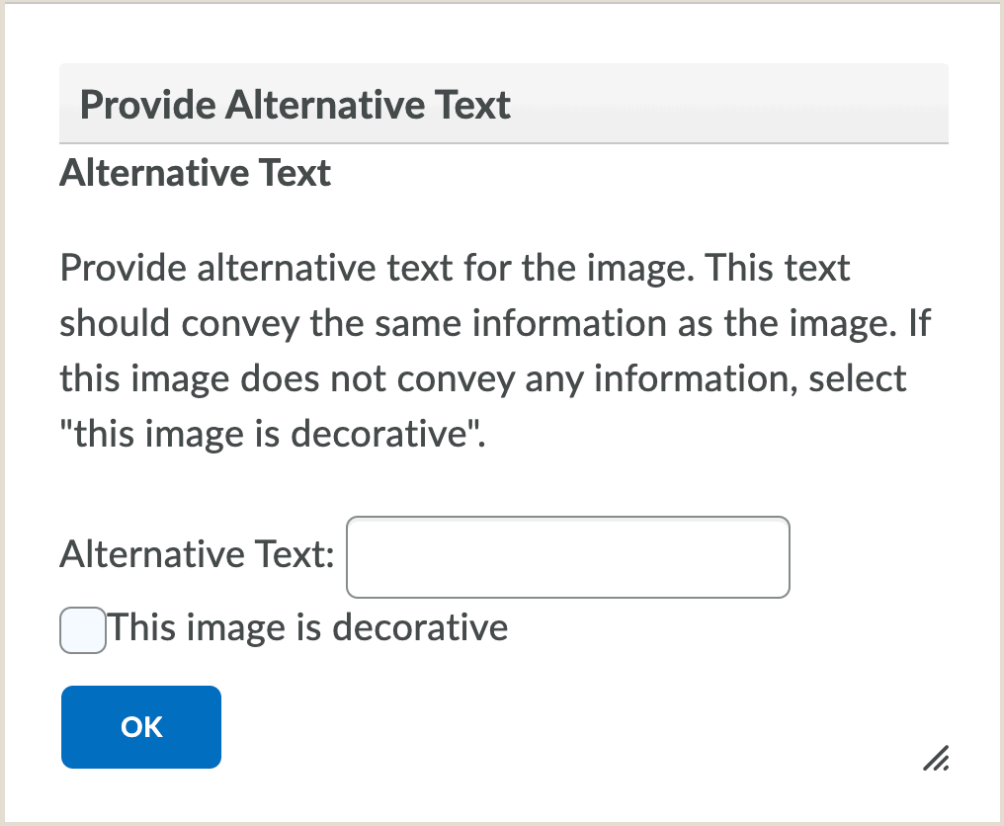
# Accessible PDF

- Searchable text
- Create a PDF with hyperlink

# Accessible Images

- Provide alternative text descriptions for non-text elements

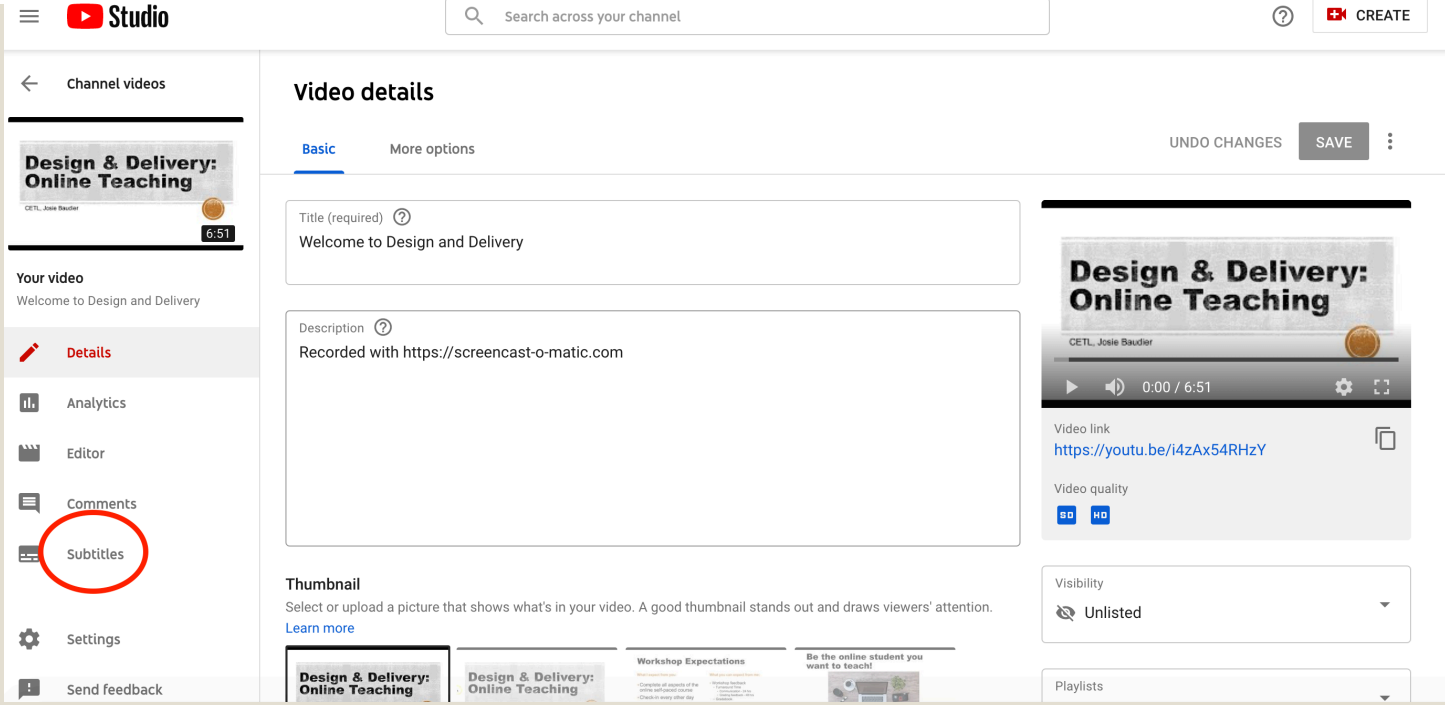


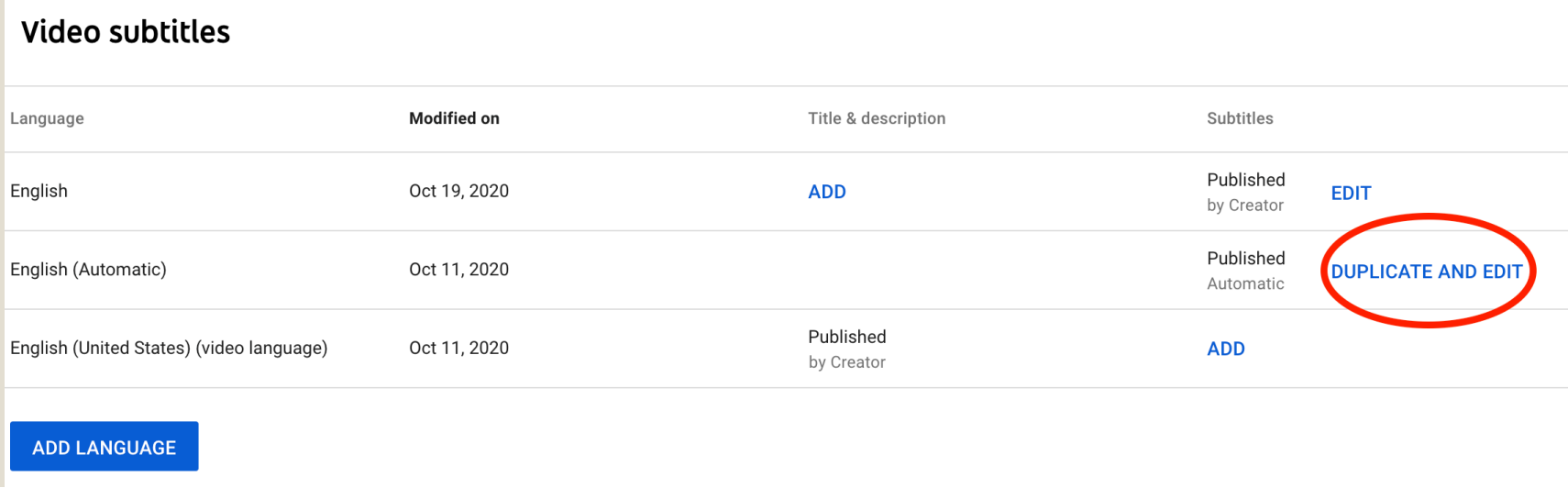



# Accessible Videos

- Captioning or Transcripts
- Upload into YouTube
  - Let caption automatically
  - Edit if necessary

  - Embed the video
  - Direct Link: www.
  - CC available


Studio
Search across your channel
CREATE
Channel videos
Design & Delivery: Online Teaching
6:51
Your video
Welcome to Design and Delivery
Details
Analytics
Editor
Comments
Subtitles
Settings
Send feedback
Video details
Basic
More options
UNDO CHANGES
SAVE
Title (required)
Welcome to Design and Delivery
Description
Recorded with https://screencast-o-matic.com
Thumbnail
Select or upload a picture that shows what's in your video. A good thumbnail stands out and draws viewers' attention.
Learn more
Design & Delivery: Online Teaching
CETL, Josie Baudier
0:00 / 6:51
Video link
https://youtu.be/i4zAx54RHzY
Video quality
SD
HD
Visibility
Unlisted
Playlists


Video subtitles
Language
Modified on
Title & description
Subtitles
English
Oct 19, 2020
ADD
Published
by Creator
EDIT
English (Automatic)
Oct 11, 2020
Published
Automatic
DUPLICATE AND EDIT
English (United States) (video language)
Oct 11, 2020
Published
by Creator
ADD
ADD LANGUAGE

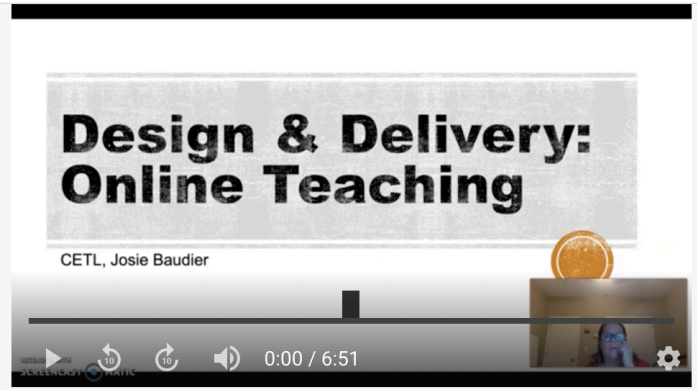
English

SAVE DRAFT PUBLISH

ASSIGN TIMINGS

syllabus my students aren't

completing the assignments when they're due and like i mentioned earlier check in every other day make sure there's nothing going on that you need to reply to or or turn in or whatever to move on to the next module so just be aware of all those things that have bothered you as the online facilitator and that's what i'm saying here try to be the online student that you want to teach not the ones you don't want to teach okay so let me know if you have any problems you know how to reach me send me an email or call me or send me a text i'm here for you and i look forward to the next two weeks with you all




Enter subtitles faster with keyboard shortcuts.

Pause while typing

0:00:00 UNDO REDO

0:00:00 0:03:00 0:06:00 0:09:00

hi everyone i just wanted to welcome you to the design... so um i'm using screencast-o-matic to

English

SAVE DRAFT PUBLISH

CAPTION EDIT AS TEXT

| | |
|---|---|
| hi everyone i just wanted to welcome you to the<br>design and delivery online uh teaching workshop | 0:00:12<br>0:06:02 |
| so um i'm using screencast-o-matic to do this<br>welcome but you could also use something like | 0:06:02<br>0:10:20 |
| youtube or screencastify or something like that | 0:10:20 |

Enter subtitles faster with keyboard shortcuts.

Pause while typing

0:00:00 UNDO REDO

0:00:00 0:03:00 0:06:00 0:09:00 0:12:00 0:14:07

hi everyone i just wanted to welcome you to the design... so um i'm using screencast-o-matic to do this ... youtube or screencastify or somet

# Accessibility Checker

- WAVE – web accessibility
- WebAIM – web accessibility color contrast checker
- PAVE – PDF checker
- PDF checker built into Adobe Acrobat
- Accessibility Checker in d2l

# Resources

- ALG Accessibility Guides
- Web Content Accessibility Guidelines (WCAG) 2.0
- UDL

- Stay tuned for CETL Accessibility Training