UNIVERSITY OF CALGARY

Instructional Video Basics Workshop

Observing Videos: What to look for?	Notes
Video Type	
Lecture Capture	
Learning Resource -> Mini Lecture for Blended/ Flipped Class or Online Course	
Learning Resource -> Video Material Archives	
Tutorial/ Do-It-Yourself	
Orientation/Training/Safety	
Other (Course Trailer/ Video Feedback/ Student Project Submission)	
Content	
Clear Learning Objectives/ Goal-Oriented	
Chunking of information	
Multimedia, Multimodal	
Duration	
Video Length: Is it segmented? Is it part of a collection or series of videos?	
Delivery	
Machine-narrated presentation	
Instructor voiceover only or with visual presence (tone/ eye contact)	
Technical Elements and Staging	
Lighting/ Film Quality	
Stage: outdoor/ indoors/ background/ clothing	
Audio Quality	
Technology Used	
Boards	
Mics	
Camera/Webcam/Tripods	
Recording and Editing Software	
Sharing	
Video Web Platforms (Vimeo/Youtube/others)	
Learning Management System (D2L)	

Resources

➡️ ## AV Spaces and Equipment at UCalgary

AV Recording Suites at TFDL:
https://library.ucalgary.ca/avsuites
One Button Studio at TFDL:
https://workrooms.ucalgary.ca/space/9545
Design Studio at Taylor Institute for Teaching and Learning: *Contact taylorinstitute@ucalgary.ca to book the space!*

Loanable Equipment at TFDL:
https://workrooms.ucalgary.ca/equipment?lid=1689

➡️ ## Software

University Software Distribution: A variety of software is available to members of the university community. The software license agreement between the vendor and the University of Calgary will determine whether the software can be installed on university-owned computers (managed or unmanaged) or a personal computer. For more information please visit:
https://iac01.ucalgary.ca/SDSWeb/

Video Editing
Adobe Premiere (UCalgary licensed software)
Camtasia (available in Design Studio at TI):
https://www.techsmith.com/video-editor.html
iMovie (comes with MacOS):
https://www.apple.com/ca/imovie/
OpenShot (Free):
https://www.techsmith.com/video-editor.html
Screencast
Snagit (UCalgary licensed software)
Camtasia (available in Design Studio at TI):
https://www.techsmith.com/video-editor.html
OBS Studio (free): https://obsproject.com/
QuickTime Player (free on MacOS):
https://support.apple.com/quicktime

Xbox Game Bar (free on Windows):
https://www.lifewire.com/easy-windows-screencasts-4118100
Screencast-o-matic (free): https://screencast-o-matic.com/
Image Editing
Adobe Photoshop (UCalgary licensed software)
Gimp (free): https://www.gimp.org/
Graphics Editing & Design
Inkscape (free): https://inkscape.org/
Adobe Photoshop, Illustrator, Spark (UCalgary licensed software)
Audio Editing
Some basic tools are buit-in within the video editing software.
Audacity (free): https://www.audacityteam.org/
Animation Software
PowToon (free online web-based):
https://www.powtoon.com/home/
Blender (free): https://www.blender.org/
Adobe Animate, After Effects (UCalgary licensed software)
Video transcoders
Handbrake (free): https://handbrake.fr/
FFmpeg (free): https://www.ffmpeg.org/

➡️ ## Educational Video Resources

Video Repositories
NYtimes:
https://www.nytimes.com/video/sciencetake
BBC: http://www.bbc.co.uk/archive/feynman/
Cornell University: http://www.cornell.edu/video/
OER Commons: https://www.oercommons.org/
OPEN YALE Courses: https://oyc.yale.edu/
Online Courses Platforms
OpenLearn: https://www.open.edu/openlearn/
MIT Open Courseware:
https://ocw.mit.edu/courses/find-by-topic/
MOOC: http://mooc.org/
KHAN Academy: https://www.khanacademy.org/

LinkedIn Learning (previously Lynda.com - free access for UCalgary staff member and faculty):
https://www.ucalgary.ca/hr/linkedIn-learning

➡️ ## Copyright

The University of Calgary encourages access to works while ensuring that the rights of creators are respected in accordance with the Copyright Act. It is the responsibility of each individual to ensure compliance with copyright regulations. For more information please visit:

https://library.ucalgary.ca/copyright

Other sources:
https://www.youtube.com/intl/en-GB/yt/about/copyright/fair-use/
https://help.vimeo.com/hc/en-us/articles/224817827-What-is-fair-use-

Selected Literature

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Allam, C., M., Vanbuel, M., Verstegen, S., Young C., Handbook on Digital Video and Audio in Education, Creating and using audio and video material for educational purposes, The Videoaktiv Project, **2006**.

Mireille Bétrancourt, Kalliopi Benetos, Why and when does instructional video facilitate learning? A commentary to the special issue "developments and trends in learning with instructional video", Computers in Human Behavior, Volume 89, **2018**, Pages 471-475.

Logan Fiorella, Richard E. Mayer, What works and doesn't work with instructional video, Computers in Human Behavior, Volume 89, **2018**, Pages 465-470.

Björn B. de Koning, Vincent Hoogerheide, Jean-Michel Boucheix, Developments and Trends in Learning with Instructional Video, Computers in Human Behavior, Volume 89, **2018**, Pages 395-398.