# Lecture Capture for your Online Class

If you are reading this, you are probably interested in recording your lectures to put on your website. So what are your options? Here's some questions to ask before you get started:

- Would you want to record the class lecture itself, or do it separately, without students?
- Would an audio recording be enough? Or should you do video too?
- Would it be better to do a screencast: narrate while recording your computer screen? You could be showing a document, videos, or a powerpoint deck.
- Do you need the whole class length? 60-120 minutes? Or is there any way to reduce and split up topics?
- Are you looking for a quick turnaround to get it posted tomorrow, or do you want to spend more time preparing, practicing, and editing for a more polished product that can be used for a few years?

## Resources to Know About

| | |
|---|---|
| Arpita Kumar | Video Producer at Gavilan College. |
| | Office: Theater 128 |
| | Email: akumar@gavilan.edu |
| | Phone: 848 - 4717 |
| | Requests: http://www.gavilan.edu/gavprovideo/request.php |
| | |
| Shawn Mulcare | Media Services at Gavilan College |
| | Email: smulcare@gavilan.edu |
| | Phone: 846-4906 |
| | |
| Jeronimo Garcia-Juarez | Media Services / Studio at Gavilan College |
| | Email: jegarcia@gavilan.edu |
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| Sabrina Lawrence | Distance Education at Gavilan College |
| Peter Howell | Email: disted@gavilan.edu |
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# Options for Lecture Capture

| | PROs | CONs | Equipment |
|---|---|---|---|
| **In Class** | Don't have to deliver same lecture twice. | Harder to get good audio. Will probably record too much unnecessary material. | Tripod, video camera Possibly cameraperson |
| **In Studio** | Better quality audio and/or video | Time Scheduling time in studio | Studio Camera operator |
| **Just Audio** | Simpler Faster Students can multitask while listening | No visuals | Audio recorder Or iPhone Or laptop |
| **Audio + Video** | Can present more info Can be more engaging Might fit your material better | Takes more time to prepare. Takes more time+effort to edit. Takes more resources to deliver. | Video camera + mic setup Or iPhone Or studio+cameraperson Visuals (slides or video) Editor |
| **Screencast** | Don't have to have your face on camera. Can probably use material you've already prepared. | | Software: jing, Camtasia, many more Microphone (most laptops have one) |
| **60 minute lecture** | Can match your class sessions 1:1 | Hard for students to have whole hour's worth of free time + attention | |
| **Smaller 5 – 10 minute chunks** | Students can finish one without needing a whole hour free Teacher can edit or replace some without re-doing everything. | Students might not watch all of them. | |
| **Quick n dirty** | Students appreciate teacher being timely. Can respond to specific issues/questions/discussion in this particular class. | Might not be applicable to other semesters or classes. Might not look completely professional. | |
| **High Production Quality** | Looks / sounds good. More complete coverage if your planning is more complete. | Time and effort. Need expert help: camera, editing. | |

# Equipment for Lecture Capture

| | PROs | CONs |
|---|---|---|
| **iPhone / smartphone** | Probably already have one. | Might not be top quality |
| **Flip Camera** | Very easy to use<br><br>Good quality video<br><br>Can borrow from TLC | Might not be top quality audio |
| **Audio Recorder** | Very high quality audio.<br><br>Can check out from Gav Media (Shawn) | Audio only |
| **Camera & Tripod** | High quality audio + video.<br><br>Can check out from Gav Media<br><br>Or use your own. | Takes knowledge to set up and use.<br><br>More room for error. |
| **Lapel Mics** | Highest quality audio.<br><br>Can check out from gav media.<br><br>Fairly inexpensive if you want your own. | More time + knowledge to set up.<br><br>More room for error. |
| **Gavilan Studio** | Highest quality audio + video.<br><br>Special effects like greenscreen. | Need to find time to schedule it.<br><br>Need expert help for camera, control room, editing. (Available from Gav Media) |

# Getting Started with Screencasting

A **screencast is a video recording of some part of the computer screen, with a voice narrating** along with it. Here's an example of its simplest form, powerpoint slides and voice narration: https://www.youtube.com/watch?v=wu2N9As3bjg

The next step up would be to record yourself onscreen as part of your screencast. Here's an example: https://www.youtube.com/watch?v=xIzFa26s8_w

Here's an example of a student-produced screencast. This was created as an assignment. Can you identify some Do's and Don'ts based on this student's work? https://www.youtube.com/watch?v=CNccNSDqRDI

**Software options**: The programs available to record a screencast continue to grow. Here's the major ones on our radar now:

|  | Pros | Cons |
|---|---|---|
| Camtasia | Many features. Editing. | Expensive. TLC computers have it now. |
| Jing | Free on Mac & PC | Flash output isn't visible on mobiles. 5 minute limit |
| Screencastifiy | Free on chrome browser. Saves to a flexible format (webm) | 10 minute limit + logo in video ($22 to remove these) |
| Screencast-o-matic | Free, flexible. Automatically publish online. Mac & PC.Saves to flexible format (MP4) | PC only. 15 minute limit + logo ($15/year to remove). |

# The Steps

1. Plan your approach: Gather your outline. Assemble your slideshow or other visuals. Arrange the screen how you'd like it. Put the first slide up.

2. Record: Begin recording. Sit up straight. Smile at the computer. Narrate with energy, enthusiasm, and enunciation.

3. Stop before the time limit. Save, review, and publish.

# More Examples

Gav Media Productions (and studio): http://youtu.be/gMfKJjiT8Ik      http://youtu.be/a128l5ufAIM