





Leveraging Panopto (Screen Recorder) for Feedback and Reflection

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Leveraging Panopto (Screen Recordings) + Video for Feedback and Reflection



Problems with Feedback

 Findings from these studies mostly demonstrate that students often find written feedback to be unhelpful, some describing it as illegible, too vague and impersonal (Higgins et al., 2001), while others discuss how the feedback they receive is generally lacking in guidance or too focused on negative aspects (Weaver, 2006).

Marshall, David T., et al. "It's Not Like He Was Being a Robot: Student Perceptions of Video-Based Writing Feedback in Online Graduate Coursework." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 1, Jan. 2020. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1256273&site=ehost-live.

Problems with Feedback: More

Findings also suggest that what instructors perceive as helpful feedback differs from students' ideas of helpful feedback (Carless, 2006), with college students perceiving effective feedback as that which is encouraging, demonstrates instructor engagement, and has clear suggestions for improvement (Lizzio & Wilson, 2008).

Marshall, David T., et al. "It's Not Like He Was Being a Robot: Student Perceptions of Video-Based Writing Feedback in Online Graduate Coursework." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 1, Jan. 2020. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1256273&site=ehost-live.

What is feedback?

In sum, feedback is a social process in which elements, such as discourse, power and emotion, impact on how messages can be interpreted.

Carless, David. "Differing Perceptions in the Feedback Process." *Studies in Higher Education*, vol. 31, no. 2, Apr. 2006, pp. 219–33. *EBSCOhost*,

https://search.ebscohost.com/login.aspx?direct=true&db=eric&AN=EJ734530&site=ehost-live.

What do students perceive as being helpful?

... these studies help demonstrate the importance of providing clear, concrete, text-specific comments, including both praise and constructive criticism, and engaging with students and building relationships with them (Goldstein, 2004; Hyland & Hyland, 2001).

Marshall, David T., et al. "It's Not Like He Was Being a Robot: Student Perceptions of Video-Based Writing Feedback in Online Graduate Coursework." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 1, Jan. 2020. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1256273&site=ehost-live.

Element of "just in time" feedback

... videos combined with timely feedback seemed to provide greater opportunity for increased immediacy and presence . . .

Bialowas, Anne, and Sarah Steimel. "Less Is More: Use of Video to Address the Problem of Teacher Immediacy and Presence in Online Courses." *International Journal of Teaching and Learning in Higher Education*, vol. 31, no. 2, Jan. 2019, pp. 354–64. *EBSCOhost*, https://search.ebscohost.com/login.aspx?direct=true&db=eric&AN=EJ1224346&site=ehost-live.

Audio Feedback Alone

Students perceive audio feedback in different and more meaningful ways than written feedback because of the following reasons (Merry and Orsmond, 2008):

it is easier to understand because handwriting is often illegible

it has more depth because possible strategies for solving problems are included rather than just stating what the problems are,

it seems 'more genuine' indicating that speech is received in a more personal way than writing. (p. 101)

BUT: 'I am a visual learner and prefer the written word'---68% elected to receive written instead of audio (Morris and Chikwa, 2016).

Video Feedback (Talking Head)

 Specifically, research has demonstrated the ways in which asynchronous, one-to-one, video feedback is advantageous to building student-teacher relationships, with students claiming that watching video feedback felt: **personal...** and *valued them*. Students have also reported that it was easier to understand their instructor through video than through text (e.g. Borup, West & Thomas, 2014; Parton et al., 2010), and that video feedback made instructors feel more real, which motivated them to complete assignments (Borup et al., 2014; Harper et al., 2012; Henderson & Phillips, 2015). Instructors also reported that it was easier to give encouragement and communicate authentically with the students in video feedback as opposed to text comments (Harper et al., 2012).

Marshall, David T., et al. "'It's Not Like He Was Being a Robot:' Student Perceptions of Video-Based Writing Feedback in Online Graduate Coursework." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 1, Jan. 2020. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1256273&site=ehost-live.

Other Types of Video Feedback

Screen Cast (focus is on student essay) with Instructor Narration

Screen Cast + Talking Head

Course: ENG170 (Second Semester Writing Course)

Assignments were exactly the same in one instance and similar in term of length in the other two instances

Hybrid

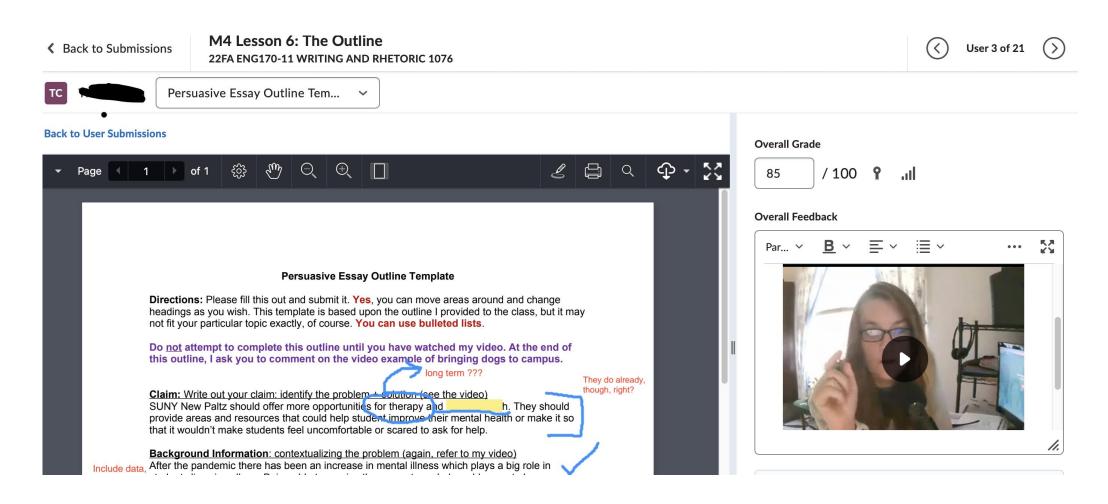
- Business First Year Interest Group
- T/F: in person
- W: asynchronous work
- Brightspace

Asynchronous

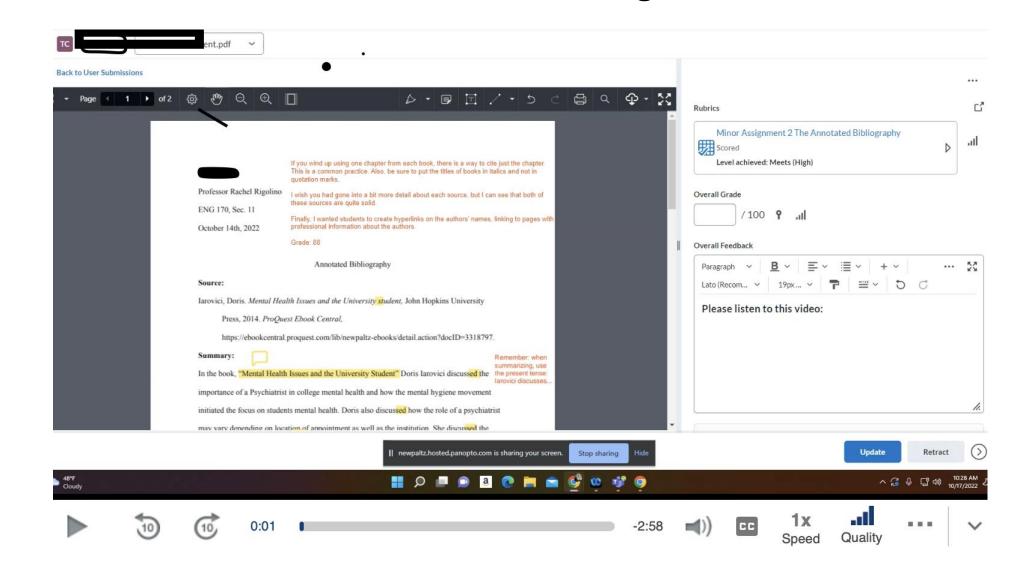
- General group—focus was: How can we improve higher education?
- M/W/F schedule for assignment due dates
- Brightspace



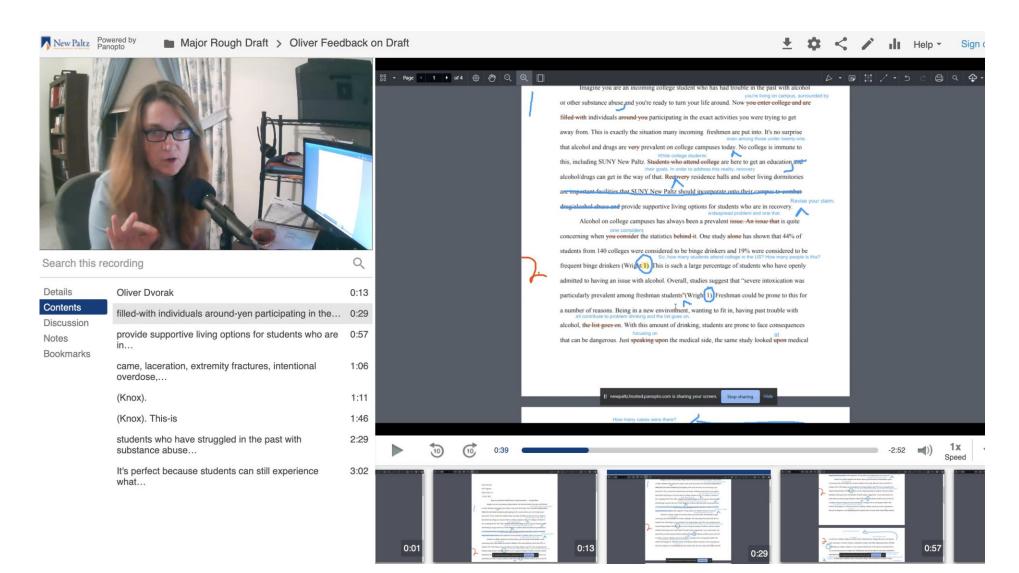
Video Style 1: Talking Head with Brightspace Video Note + Written Comments: Low Stakes (but Important) Assignment



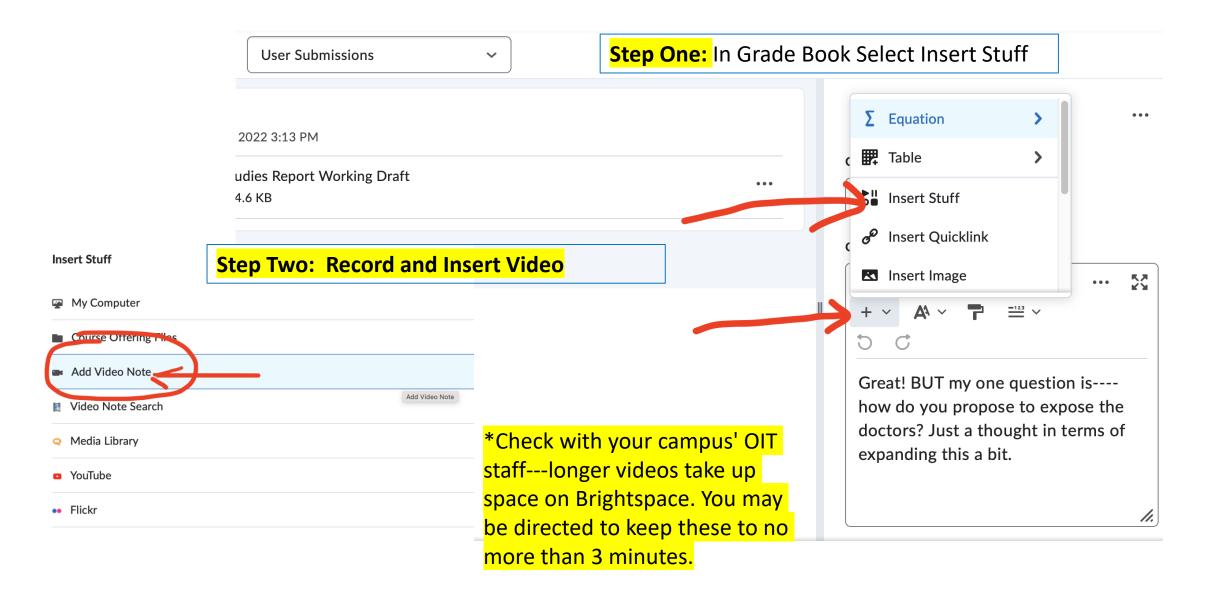
Video Style 2: Screencast w/ Panopto Narrated by Instructor + Written Comments + Rubric: Graded Assignment



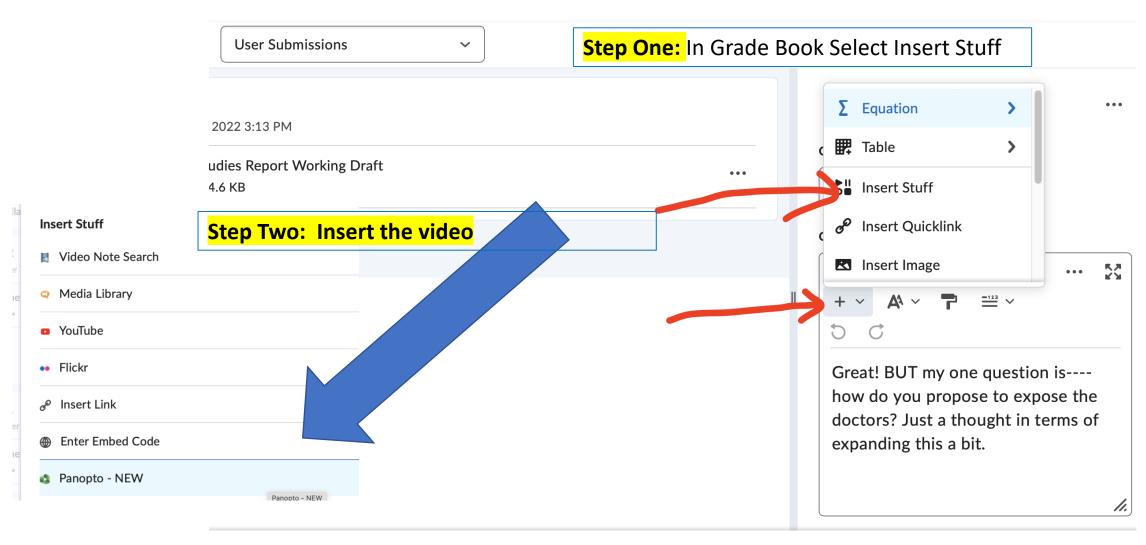
Video Style 3: Screencast w/ Panopto Narrated by Instructor + Talking Head in Box + Written Comments + Rubric: Draft of Major Assignment



Inserting a Brightspace Video Note*



Inserting a Panopto Video (or Other Integrated Screen Capture Video Software): *After You Have Recorded the Video*



Length of Videos: Asynchronous Class

Low-Stake Writing: 2-3 min. Average

Graded Assignments 1 and 2: 5-6-minute average when giving a grade

- Less written comments
- Commented on the essay as I scrolled through it, noting strong ideas and making suggestions for how the assignment might build into the research paper

Draft of research paper: 4-5 minute average when discussing a draft

- More inline comments on the essay itself
- I spent some time interpreting "tricky" or potentially unclear comments (anticipatory)

Length of Videos: Hybrid Class

Graded Assignments 1 & 2: 5-6-minute average when giving a grade

- Less written comments
- Commented on the essay as I scrolled through it, noting strong ideas and making suggestions for how the assignment might build into the research paper---very similar to the Asynch students.

Graded Assignment 3: 2-3-minute average when giving a grade

- Nature of the assignment: SWOT chart—less writing
- Did leave inline comments

Annotated Bibliography*

ENG170 Hybrid Course:

17 Responses

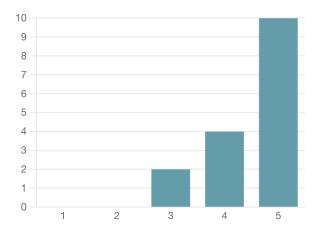
Was the video feedback helpful? (Screencast)

3. Was the video feedback helpful? (1 star is lowest rating; 5 stars is highest rating)

More Details



4.50 Average Rating



*Graded

Annotated Bibliography*

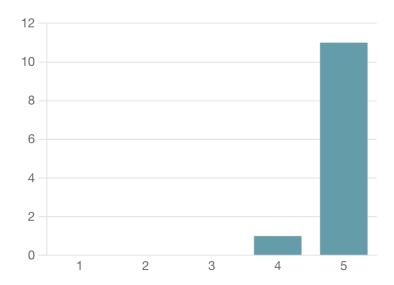
ENG170 Asynchronous Course: 12 Responses

3. Was the video feedback helpful? (1 star is lowest rating; 5 stars is highest rating)

More Details



4.92 Average Rating



*Graded

Annotated Bibliography

ENG170 Hybrid Course: 17 Written Responses

4. Do you find the video feedback more helpful or less helpful than written feedback? Please explain in 2-3 sentences. : Insights More Details Latest Responses "I feel like the video feedback was more in our face and less avoidable. Ho... 17 "more helpful" Responses "I find it more helpful because you get to really hear what you are lacking ... **10** respondents (**59**%) answered **video feedback** for this question. directly hear future work errors and suggestions certain errors types of feedback easier clear oral feedback video feedback assign saw what I did wrong ways feedback is very helpful error feedback from my last project exactly what could be fixed step by step

Hybrid Class: Part I

Initially I was confused when you said that everyth should be in the present tense because my mental (when describing what happened in the study as of study itself). After I got your feedback on the assignment of the present tense because my mental (when describing what happened in the study as of study itself). After I got your feedback on the assignment of the present tense because my mental (when describing what happened in the study as of study itself). After I got your feedback on the assignment of the present tense because my mental (when describing what happened in the study as of study itself). After I got your feedback on the assignment of the present tense because my mental (when describing what happened in the study as of study itself).	grammar said otherwise pposed to just describing the Inment, I realized that I just
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11	anonymous	I think that the feedback is very good. I think the corrections are explained well and the length of the videos are not bad at all.
12	anonymous	I think your video feedback is a great idea and I love it! I've never had a professor do that before.
13	anonymous	I honestly do not have any suggestions. It is very helpful for me, I can fix up & understand the issues with my work.
14	anonymous	To be honest, what you're doing now is effective for me. I cannot speak for my classmates but there's not much else that I can think of.
15	anonymous	A way to improve student feedback is to show the rubric on how we were graded and do a brief explanation on why we got that certain grade.
16	anonymous	not sure
17	anonymous	I feel like what I got was good for feedback.

Hybrid Class: Part II

11 anonymous

I find the video feedback more helpful than written feedback because it is easier to understand. The reasoning behind the corrections is made much more clear and I am able to use the corrections in my future work. I have already improved some of my recent work based off the feedback from my last project.

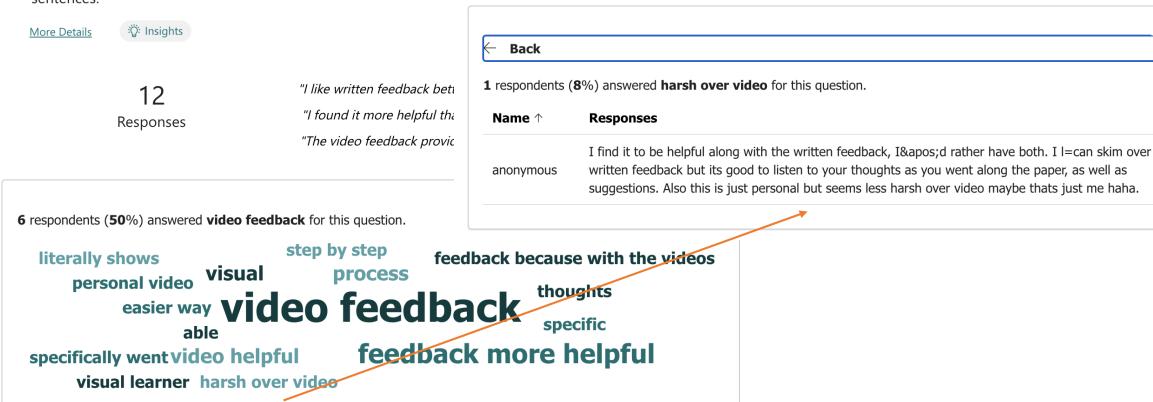
6	anonymous	I find the video feedback more helpful than the written feedback because it's more visual and helps me understand more what I did wrong and what I can improve
7	anonymous	I find the video feedback more helpful because I can hear exactly what you mean and can see what points you are exactly talking about.

13	anonymous	I find the video feedback more helpful then written feedback. This is because I can directly hear about the feedback and you go through step by step through the feedback. I find it more clearer than just highlighting the errors. I prefer oral feedback.
14	anonymous	Video feedback is way more helpful than written feedback. Hearing it explained on a video and being able to pinpoint certain errors with a mouse cursor is more effective at showing feedback.
15	anonymous	I find it more helpful because you get to really hear what you are lacking or need to improve on in your assignment. Another reason is that there is a bigger likelihood that I will see the feedback compared to written feedback.

Annotated Bibliography

• ENG170 Asynchronous Course: 12 Written Responses

4. Do you find the video feedback more helpful or less helpful than written feedback? Please explain in 2-3 sentences.



Asynchronous: More

6	anonymous	I like the video feedback because I can see your thinking process as you scroll through my video. However, I find myself more likely to return to written feedback.
7	anonymous	I think the video feedback is just as helpful as the written feedback. It allows you to walkthrough your thought process and follow along.
8	anonymous	I find the videos very helpful. I think having the visuals while you explain it really engrains it in my memory and I used prior feedback videos to help me complete this assignment. So going back and being able to rewatch is so helpful.
9	anonymous	I found them helpful in equal amounts but in different ways if that makes sense. Having the visual and verbal parts combined in the video is useful, but the annotations in the written feedback are also very well done.
10	anonymous	The video feedback provided me with a more specific description of what you meant in the written feedback. I think it is very helpful to watch through, but after one or two viewings, I can figure it out from just the written feedback. That being said, I think it's incredible that you, as the professor, go through and do this for every student (when I first saw a personal video, I was shocked)!

Asynchronous: Clearing up questions about the assignment

Initially I was confused when you said that everything in the summary paragraph should be in the present tense because my mental grammar said otherwise (when describing what happened in the study as opposed to just describing the study itself). After I got your feedback on the assignment, I realized that I just read your directions wrong, and the video feedback made fixing it quite obvious.

Question: Asking students to compare screencast vs. talking head approach

4. When I provided feedback on your Annotated Bibliography, I created a video, where I shared my screen with your Annotated Bibliography on the screen. When I provided feedback on your SWOT Report, I shot a video of me talking to you. Of course, in both cases, I also left written comments on both documents.

Which type of video feedback did you find more valuable? *

- The video feedback where the instructor shares her screen of the student's essay and talks about it. (Annotated Bibliography)
- The video feedback where the instructor is talking directly to the student about the essay. (SWOT Report)
- I have no real preference when it comes to these approaches.
- Can you combine both approaches, with the instructor's face in a little box and the essay on the main screen, while the instructor talks?

Screen Cast + Talking Head Feedback: Hybrid Course

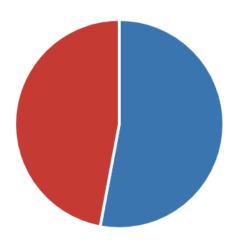
4. When I provided feedback on your Annotated Bibliography, I created a video, where I shared my screen with your Annotated Bibliography on the screen. When I provided feedback on your SWOT Report, I shot a video of me talking to you. Of course, in both cases, I also left written comments on both documents.

Which type of video feedback did you find more valuable?

More Details



- The video feedback where the i... 9
- The video feedback where the i... 0
- I have no real preference when i... 0
- Can you combine both approac... 8



Blue = The screen cast Red = Can you combine the two? Screen cast + talking head Screen Cast + Talking
Head Feedback: After
Asynchronous Students
Experienced This Version

6. You may have noticed that I not only showed the text of your draft but I also was able to include a video of me speaking. Do you think having that video of me speaking is...

7 Responses

ID ↑	Name	Responses
1	anonymous	I think both will be more effective.
2	anonymous	I think that having both aspects of the video and written comments helped me understand why you made the critiques you made.
3	anonymous	yes, I personally enjoyed the way the feedback was set up because in a weird way, it reminds me of the people who have their camera in the corner of youtube videos.
4	anonymous	I think having both will be beneficial to students.
5	anonymous	In future semesters, I do think you should include BOTH the video of you speaking and the text of the essay. It is helpful to see which part of the assignment you are talking about as well as getting your real life advice and explanation. I think having both the video and text is the best way to offer helpful feedback.
6	anonymous	I think that, especially with videos regarding revising essays and comments you've made on them, that a video of both you and the text is very helpful. I find that it's easier to engage in the video when I can see both you and the work on the screen.
7	anonymous	I believe that having both is a really good idea, as it helps a wider demographic of people.

How Student Can Access Feedback



New Paltz DEVSITE-76_Student_Rachel

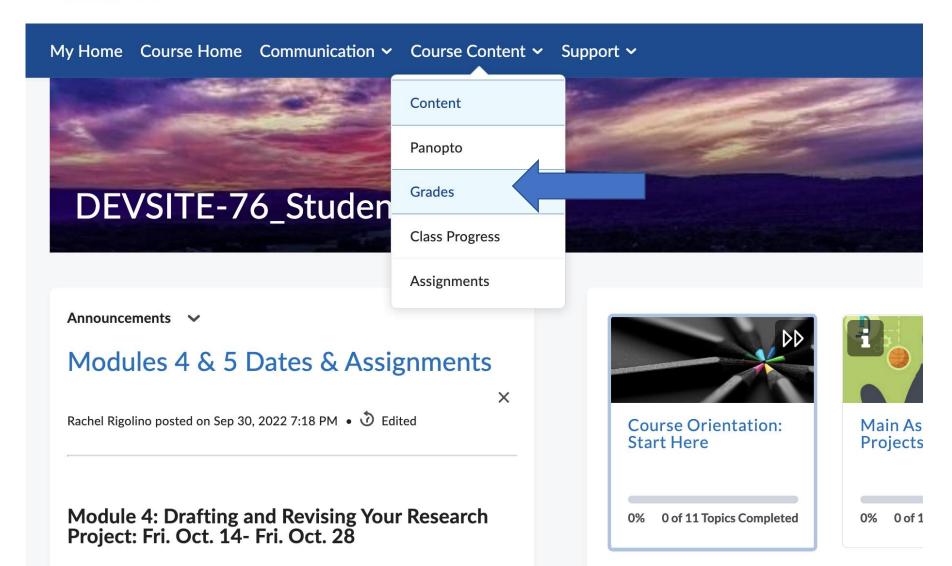




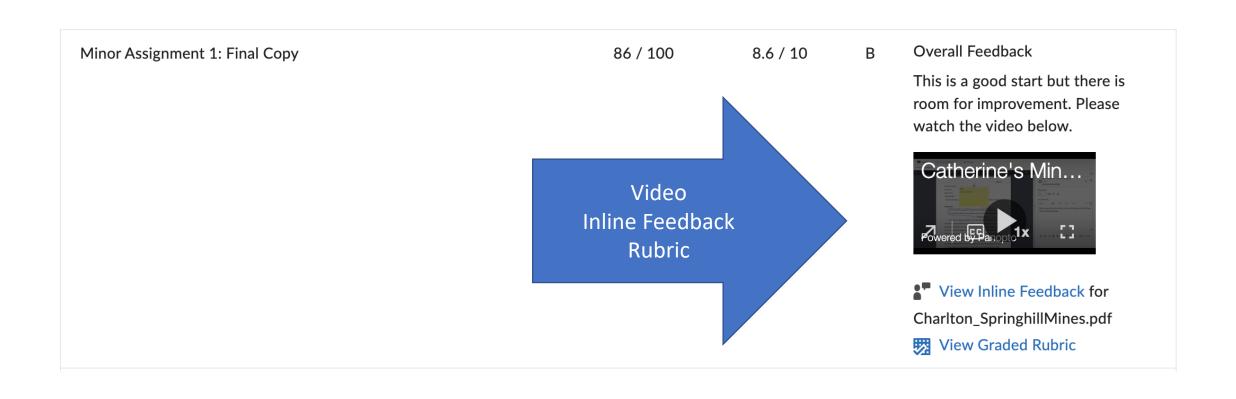








What Screen Cast (Panopto Video) Looks Like on the Student End



What Brightspace Video Note Looks Like on the Student End

Minor Assignment 2: Final Copy Overall Feedback 86 / 100 8.6 / 10 This is a good start but there is room for improvement. Please watch the video below. Video (pretend it is me!) Inline Feedback Rubric 0:00 View Inline Feedback for Charlton_SpringhillMines.pdf View Graded Rubric

How Long Does It Take to Leave Feedback? (Marshall, David T., et al)

- On average, papers receiving written feedback took approximately 20 minutes to grade.
- Papers receiving video-based feedback received **considerably less written feedback**. Here, the written comments that were provided served as markers for portions of the paper that were discussed in the video-based feedback.
- Videos were between 5 and 10 minutes in length, with an average of six and a half minutes, and papers graded using video-based feedback took approximately 25 minutes to grade, including the time it took to record the video. By the end of the semester, video-based feedback times improved, although these papers still tended to take a little longer to grade than those that only received written feedback.

Marshall, David T., et al. "It's Not Like He Was Being a Robot: Student Perceptions of Video-Based Writing Feedback in Online Graduate Coursework." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 1, Jan. 2020. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1256273&site=ehost-live.

Can video save time?

One preliminary finding, according to the instructor, was that producing equivalent written feedback in comparison to video would take significantly more time. Similar reports were made by instructors in the studies by Jones et al. (2012) and Merry and Orsmond (2008).

Denton, David W. "Using Screen Capture Feedback to Improve Academic Performance." *TechTrends: Linking Research and Practice to Improve Learning*, vol. 58, no. 6, Nov. 2014, pp. 51–56. *EBSCOhost*, https://searchebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1042916&site=ehost-live.

Potential for Saving Time

- Use to anticipate questions, saving time in the long run
- Bring in websites, library searches, other online material
- When screen casting software is integrated into Brightspace, no need to upload a video file---can insert into assignment box
- Can rely on rubric to tell the grading story and use more indirect feedback* instead of line editing

*feedback received by the students on their papers in which the teacher only indicates the errors without fixing them (Ellis, 2009)

Aridah, Aridah, and Weningtyas Parama Iswari. "The Effect of Indirect Feedback on Students' Writing Performance across Different Learning Strategies." *Cypriot Journal of Educational Sciences*, vol. 16, no. 3, Jan. 2021, pp. 1021–35. *EBSCOhost*, https://search-ebscohost-com.libdatabase.newpaltz.edu/login.aspx?direct=true&db=eric&AN=EJ1309584&site=ehost-live.

Questions about the Assignment?

8. Finally, do you have any specific questions about the SWOT Report?



*** respondents (47%) answered No for this question.

Tutor

Information

None

None

None

None

Nah

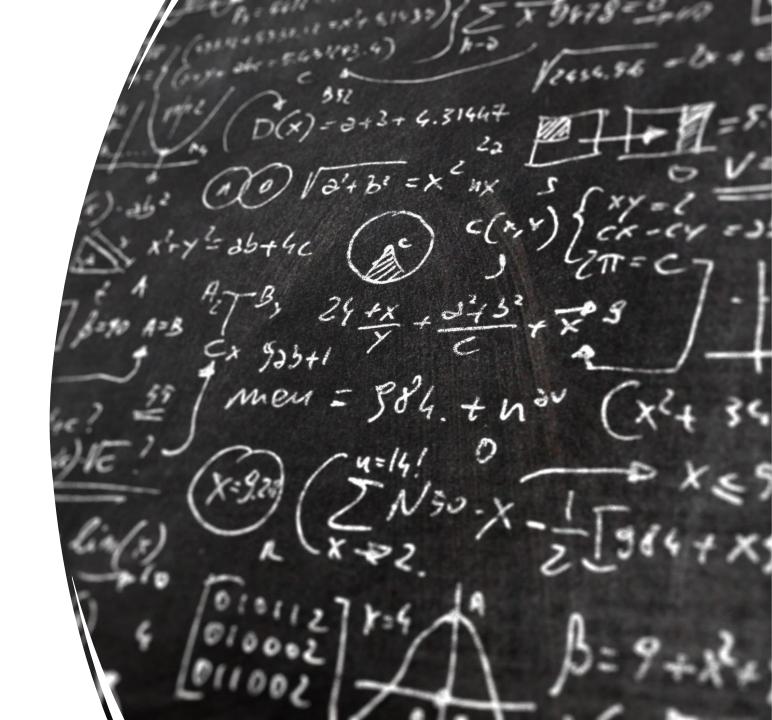
paragraph

paragraph

questions

More

- Use screen casts for peer critiques---why not?
- Move away from so much line editing (just don't do it) towards indirect feedback + narration



Finally---a Warning about Brightspace!

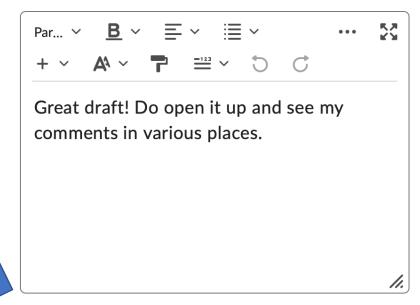
Do NOT click on Record Video

If you leave a comment this way, the students cannot access it readily through the gradebook.

Overall Grade



Overall Feedback



• • •









USDLA NDLW https://usdla.org/ndlw-2022



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