

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

**Course:** PHYS2DA  
**Name:** Phys-Relativity&Quantm Physics-  
**Instructor:** Sharma, Vivek A.  
**Number Enrolled:** 205

Q: 1. Do you have access to high speed internet (DSL/Cable/T1) ? If yes, have you used it to view Streaming video using playe QuickTime or RealPlayer ?

yes

yes, access to cable internet. Yes, have watched streaming video.

yes, i've used reoplayer.

Yes Yes

Yes, using both.

Yes for both.

Yes

yes, yes

yes i've used all of the above

yes, Quick Time

Yes. RealPlayer

I have a Digital Subscriber Line which I used to view Streaming Video; I used RealPlayer to view it but I much prefer Windows Media Player (ASX) if I was given the choice.

yes i have

Yes

Cable. Yes I have.

Yes, Yes.

No.

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Yes

yes, i have both quicktime and realplayer

yes, i used quicktime

Yes, Yes

I live on campus, so yes. I did use quick time to watch the videos.

yes

Yes. Yes, I have used both QuickTime and RealPlayer.

Yes and yes

Yes and Yes.

Yes, I Have high speed interent. Yes, I have used it to view streaming video using QuickTime.

yes, I have used it with QuckTime and RealPlayer

Yes yes

Yes, Cable. WAs able to view on RealOne.

yes, i have cable modern and i used it for streaming video player realplayer

Yes, I have high speed internet (cable), and I have used it to vew Streaming video. RealPlayer seem to work better than QuickTime.

yes, i used it to view the lecture video

Yes. I have DSL at home but could not access the videos.

Yes, yes.

Yes, I do have high speed internet at home. Yes, I have used it for the purposes in question.

Yes, on campus, at Clics. Yes, many times actually. QuickTime I believe.

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Yes I have high speed internet. Yes I have used it to view Streaming Video using RealPlayer.

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Yes. Yes.

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Yes I do have Cable. Unfortunately I have a router as I share my cable service so I was unable to access the streaming video's from home.

Though I think it works with Realpayer since it did for me but I did not get any sound due to my software glitches.

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Yes

---

yes yes

---

i have cable and have both QuickTime and RealPlayer.

---

Yes and yes.

---

Yes. I can only view the files that work with RP because QT still doesnt work for me.

---

Yes and Yes

---

Yes, at home, with quicktime

---

Yes, I have used to watch streaming video

---

yes, I use quicktime and realplayer.

---

yes i have used it using realplayer.

---

no.

---

Yes, yes

---

Yes.

---

Yes, I have high speed internet access. Yes, I have viewed the streaming video.

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Yes, I have a DSL connection and used both Quicktime and RealPlayer to view the videos.

---

yes. and yes.

---

Yes I do

---

Yes, and you could use Quicktime? Didn't even know that

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Yes and Yes

---

Yes, using quicktime.

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I'm on-campus and have T1, or whatever everybody else has. I have watched streaming video.

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Yes, Cable. Yes, I've watched other streaming videos.

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Yes, I have a cable connection from my apartment and I've used it to stream videos.

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Q: 2. Did you try to access the streaming video of Prof. Sharma's lectures or Brian's discussion sessions? Did you usually succeed viewing them? If you did NOT succeed in streaming, please tell us where you were trying to view it from (home, CLICS, other loc UCSD campus)? Did the video streaming work when you tried it from the UCSD computer labs?

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much of the time the servers were extremely bsy, so the video was choppy, and since the videos weren't up until thursday, you couldn't watch them ahead of time

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I have tried to access the streaming videos. I was successful in viewing them.

---

yes, i could view the videos (using realplayer, not quicktime)

---

Yes, succeeded in viewing them from home and the UCSD computer labs.

---

Yes Yes N/A

---

It worked well on campus but at home it was very bad (video stays still for 5-10 sec then goes to another still picture). On campus the video streams were smooth.

---

yes, usually succeed

---

yes (try to access), yes (succeeding), N/A (computer labs)

---

I could not view the beginning ones and still can't but the real video format works fine.I do so from home

---

Yes, I have succeeded in viewing the streaming video. I viewed the from Geisel Library (S&E) computers.

---

yes. yes. it works.

---

I never tried from on campus locations, both Prof. Sharma & Brian's lectures worked perfectly.

---

i was successful

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Yes they worked from home. I didn't try then from the UCSD computer labs.

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Yes, Yes.

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Yes, Sometimes. UCSD.

---

Yes, I did try to access the streaming videos of both the lectures and discussions. I watched them at CLICS and it came out perfectly.

---

Yes, I was successful in viewing them from my apartment on-campus

---

i accessed both sharma's and brian's lectures. after downloading quicktime, it was really easy. i watched them in my apartment, off campus. i didn't try them oncampus

---

yes i have viewed them, however i had problems in the beginning due to oncampus (i live in the marshall lowers) firewalls. however once i was able to get past that, it was very clear and simple to use the streaming video. the video works at the library

---

Yes i have succeeded. Haven't tried at school.

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Yes. Yes. Didn't try in UCSD computer lab.

---

I usually succeeded in viewing the discussions and lectures

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I frequently accessed the streaming videos of both lectures and discussion and I did succeed in viewing them. I live off campus and I viewed the videos successfully with no problems after updating my QuickTime player to the newest version.

---

Yes and yes again

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I was successful in accessing both lectures and discussion sessions from my computer and road runner (cable) connection.

---

I accessed Brian's discussion sessions streaming videos.

---

Yes, but only after I had to get around my firewall. I also watched it at friends places on campus, and it worked well.

---

I did see some of them

---

Both.Yes.Worked at both home and UCSD computers.

---

yeah, i have accessed to both discussion and lecture.i usually can view it, but i think there are two lecture that doesn't work. i viewed it from. when i tried it on campus on a labtop with remote internet access, it all worked.

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I did try to access both Prof. Sharma's lecture and Brian's discussion sessions. I had difficulties viewing them at first, but got the problem fixed after a week.

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yes it did work from the ucsd computer labs

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At home, no. At school it worked fine (in the ACS lab in Geisel).

---

Yes, yes. did not try from computer labs

---

I have successfully viewed the streaming lectures from both at home and on campus.

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Yes. Yes. Yes, I view them at Clics.

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Yes, I tried to access both prof. Sharma lecture and Brian's discussion sessions. Yes, I usually succeed in viewing them. I do not know if the Streaming video work in the UCSD lab computers.

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Yes. Yes. I did not try the video streaming from any UCSD computer lab, only from home.

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The streaming videos worked fine from campus but from (1.) I was behind a firewall/router at home.

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I have had complete success in accessing both P. Sharma as well as Brian's lectures and sessions from home. I have not tried using the streaming videos from campus computer labs.

---

yes I was able to view them after messing around with my router settings for a while. I live off campus.

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I have to accessed both Prof. Sharma's lectures and Brian's discussion sections. I could view all videos except for the lectures before Jan 21 (the earlier lectures always gave an error message that the file could not be found). I have viewed the videos from home. I never tried to access the videos from the UCSD computer labs.

---

Yes, i tried to access both lecture and discussion videos. Sometimes I had problems and couldn't load up either one of the video...a blank screen would just occur. About a week after, it was ok.

---

I did try to access it but could only view the files that are played with RP. QT didnt not work for me. I only tried to access the files from home.

---

Most of the time, I streamed it from Giesel, and I didn't have any problems.

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the streaming video always worked when it was posted

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Yes, I successfully viewed the realplayer versions. the quicktime did not work and i didn't feel like setting it up.

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Yes. I live on campus and it always worked except for the wave video because I believe the file was removed before I was able to view it. Everything else worked fine.

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i tried to access brian's discussion sessions. Never lectures because I always went to lecture. i always succeeded in viewing them. Never tried from UCSD computer labs. I live on campus at warren apartments.

---

i couldn't see it because im behind a firewall.

---

yes, yes,always

---

Yes, I usually succeed in viewing them. I haven't tried viewing it at a UCSD computer lab.

---

Yes, I tried to access the videos and I was successful. The video worked in the UCSD comp labs too.

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The videos worked best on campus, (I watched them from both CLICS and the S&E library) I did not have any problems with them. Although the audio was fine when I watched it at home,I think my connection was too slow for it to run with normal time ( it would skip frames).

---

yes i tried to access the streaming videos. and yes i succeeded. never tried it on UCSD computer labs.

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Yes Yes

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Worked for me, didn't even have to reconfigure my firewall

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Yes, I was able to watch both Prof. Sharma's lectures, and Brian's discussion sessions from my apartment off campus.

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I only accessed them from my home (on campus) and it worked!

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Yes, I have been very successful in viewing the lectures/discussions. This worked just fine as streaming video on RealPlayer.

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Yes, they worked from off-campus.

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The streaming worked successfully from my off campus apartment. I've not tried it on campus yet.

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Q: 3. How was the quality of the video/audio transmission? Any comments on improvements?

need more servers and get the video up the day of the lecture, so you can catch what you missed rather than beign confused the next day

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Good video/audio quality.

the sound quality is pretty good; that's probably more important, since the slides were also at the side

The quality was great.

Quality was good, however, the camera was not always centered on the lecturer.

Great quality

good quality

I thought it was very good; i'm not very computer savvy so I can't make many comments/suggestions. Definitely more than acceptable, though

quality was decent, plenty good to learn from.

everything was fine

excellent.

Quality was decent, but I much prefer Windows Media Player codecs. I hate Quicktime and am not a fan of Real Media for various reasons.

very good quality

If there is an option to enlarge the video screen, it would be better.

The video quality is excellent, but the sound quality is unstable at times.

Excellent. It would be very useful if there were no buffering times.

The quality of the video/audio transmission was very good.

the quality was very good for streaming video.

the video was amazing and it looked great on my computer. my only suggestion would be that there would be a better camera guy, because he wasn't always following brian around while he was lecturing. it definately did not replace going to class

it was good stuff... much clearer than expected. camer work could be better though... no need for fancy camera work

3/5.It wasn't bad, it would have been better if it could have been made bigger.

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The quality was fine. It was loud enough and clear enough. Improvements would be a better job following Brian or the professor. I.e) making sure the camera with them and zoomed in correctly.

---

Quality was good when viewed on high speed line, but when viewed on a 56k modem the quality was VERY choppy

---

Everything seemed fine. Although sometimes the lecture slides weren't in sync with the lecture. There was sometimes a delay. This frequently happened at the end of the videos where the last slide sometimes took forever to appear or didn't appear at all.

---

Decent quality, the resolution could have been better

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Very handy and helpful.

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Quality was fair, sometimes I was unable to make out the equations written, but overall it was a nice study aid.

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The audio could be better, but that has to deal with where the microphones were placed on Brian or Vivek. Otherwise, not too bad for in general

---

UNfortunately the video quality wasn't very good. YOU could hear everythign brian and prof sharma said but you couldnt see what they were writing or the lecture slides too well. I guess better resolution though it's hard bc the lecture hall lightings are so shitty unless there was a personal camera following brina or prof sharma arround.....i mostly used them for brian so I can do hw along with him or catch up on missed discussions

---

Quality is fine.

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the quality is pretty good, there was two times it stopped when i was watching it. but in general it's good.

---

The quality of video and audio transmission is great, but sometimes, the picture frame would got stuck. It would be better if it could be viewed in a bigger screen.

---

good enough to understand the lecture

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Very good.

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Quality was excellent, though one time the video and audio did not match up

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The quality of audio and video were both very good. I just wish the actual video of professor Sharma could have been a little larger.

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The voice is good, clear and audible. However, it was kind of hard to see what the professor was writing on the blackboard. Sometimes the slides doesn't change automatically as the lecture goes on.

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The audio is audible, but the video transmission is somewhat lagging (it does not flow).

The quality was good enough that it functioned as a useful tool. Higher quality would obviously make it better, though.

Quality was fine. I think it should be transmitted such that people with firewalls/routers can have access to them, especially since most college students share high speed internet services via a router.

it was excellent!

good quality, I liked the slides being synchronized

The quality of the video/audio transmission was fine. I had no problem seeing anything nor any trouble hearing what was spoken.

It was great

The quality was great. I could see and hear everything.

The quality was very good, however the high bitrate made it difficult to view from anywhere else other than campus. I have a 786k DSL line at home, and when I tried to view the video, there was a lot of pausing to buffer more content. Same problem when viewing from my work, which has 6 aggregate T1's (there is a lot of other traffic on it though). If there were multiple bitrates for the videos, it would be much more accessible. Even though there would be some degradation in quality on the lower bitrates, it will still allow students to at least listen to the lectures.

good

It was very, very good. I am surprised that you guys were able to put up something this advanced.

Quality was pretty good. Sound could always be more audible and image is sufficient although it would be nice if that was also sharper since the chalky background on the chalkboards make it hard to see. I would suggest asking the TA to repeat questions when people ask them since they can barely be heard on the video. When the camera man is recording, he should follow what Brian is writing on the board and if Brian writes briefly on the board and then walks away, the camera SHOULD NOT record Brian but AT LEAST record what Brian just wrote for 5 seconds so that the viewer can look at and understand what Brian wrote. A lot of times the viewer does not have time to copy down what was written. This would help a lot I think. After the 5 seconds, the camera should then transition back onto Brian so that we can see him talking and other hand motions. Remember, what's on the board is more important than just seeing his mouth move because we can hear that. Although, it is important to record him when he is using hand motions as examples. I hope this makes sense.

quality was awesome. Even I paused it and came back and played it and it had no problem continuing from where it left off.

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very good, it would be helpful if the screen is bigger.

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The quality is acceptable, but of course, can be improved.

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Audio quality was fine, but video quality can be better and the camera guy could be better.

---

See #2...

---

quality was fine.

---

that is perfect, it is smooth and clear

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1.2801E+09

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The quality was very good on my computer, but on a friend's older computer it was a little choppy.

---

The quality wasn't the best, but hey, its streaming video so I understand. I could still hear everything and see the info written on the board.

---

It was great! Very good for just an "experiment". It's very practical and convenient, and I can't wait to see this expanding to more of UCSD's lectures.

---

They were fine for the purpose of education.

---

The quality was always good enough for note taking.

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Q: 4. Please comment on the format of streaming video delivered to your computer. There were multiple screens with slide transition synchronized with lecture - a button for fast-forwarding/rewinding. Did all this enhance learning experience or just confuse you? If you have any suggestions for improvement in content delivery, please write them here.

---

the screen size was too big, needs to be a more uniform 600x800 form

---

sometimes the slides did not sync properly with the video.

---

it was pretty organized

---

It enhanced it because sometimes the projection was not viewable in the video.

---

The format was quick and accessible. This experienced helped in reviewing the material.

---

You could let the students download the whole video to there computer and then watch it because I was not able to stream the video very well at home. If I was able to download the video onto my hard drive, I would be able to play the video perfectly.

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I thought that was pretty cool and easy to follow.

I really liked the way it was done by the end; i found it much more useful than the way it was at the beginning  
it enhanced it for sure, everything helps in a demanding course

The synchronized slides were good.

i think u guys should allow the streaming video file to be "stretched." it's kinda small

The format was fine, however I rarely used the buttons, generally if I wanted to skip ahead I used the scrollbar and selected an approximate time forward rather than a particular topic.

my computer didn't handle updating with the slides so well

Yes, they are cool, but it would be better if we had more control of the slides on the side (having it in a seperate window would be better).

It would be nice to simplify everything. Just have a play, stop, pause, and a chapter list.

Yes, there was a slide transition that was synchronized with the lecture. Yes, there was a fast forward/rewinding button. This experience helped my learning experience.

the format of the streaming video was very helpful. the slide synchronization was off from time to time, but overall it seemed to work quite well. it had a postive impact on my learning of the material in that it allowed me to go back and see the material discussed in class days after reading the material to get a better understanding.

i used both the split screen and the full screen video. i helped me.

it was all good. i like how u can jump to different parts of the lecture/discussion... very useful

Format was good. I liked the slides on one side, and the video on the other.

i didn't use the forwarding/rewinding too much. But it didn't really confuse me. I tried it a few times, it went fine. i didn't use them so much to go find a particular part. just general review.

the split screen was good...

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I didn't feel confused. Although the links that gave the subtopic of the lectures didn't work for me. Or maybe it wasn't supposed to. I just thought clicking them would fast forward to that topic in the lecture so I don't have to fast forward and find it myself but then again, I only tried those buttons once since I usually watch the entire lectures anyway. Maybe this rambling was useful to somebody.

I had one problem with the format. The lecture slides that were in sync with the lecture were sometimes too small for certain slides. When I couldn't read that slide, I paused the lecture and went to download the PDF version. Not much of a hassle but it was annoying to keep going back and forth looking at where the professor was pointing at and going to look at the PDF version. Also, it would be better if the lecture slide in the same window as the video could show where the professor was pointing to instead of just guessing even though it's not hard to guess but it would be nice. I think that's what the remote was for during the first few weeks of lecture but I unfortunately started to view the videos during the middle of the quarter and I haven't viewed the early lectures yet but I will for the final so ... what was the question?

---

Actually the streaming video had lots of problems. A lot of the time the slides would not synchronize, and when I tried to view the lecture in the Real player, it would shut down because the links were not found.

---

Enhanced learning process.

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Image resolution may be enhanced a slight bit more, otherwise its awesome!

---

Yes, I liked that very much!! Very good idea!! =)

---

This idea is very helpful in terms of helping us fill in missing notes from class. This is a very helpful method and would very much appreciate it to have it work for other classes at UCSD.

---

the format is fine, readable and audible. maybe should be louder, i had to turn my speaker up. i wasn't confused by the fast-forward/rewinding thing.

---

The screen and slides worked well together.

---

real player format is the best, and was easier to view than quick time.  
forwarding and rewinding didn't work. but slides was very helpfull.

---

The setup was great.

---

I was only able to get the slides to synch with the video once...on other occassions the slides would not change.

---

The format was fantastic and very self-explanatory. The display was exactly the way I would have asked for it to be setup. I enjoyed being able to jump to different portions of the lecture (which were nicely bookmarked) and it was really nice being able to have access to the lecture and the Powerpoint slides seperately but on the same screen.

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It's good that we can fast-forward and rewind. It was a bit hard to control since I don't really know exactly how far I should fast-forward or rewind. But, it works well over all.

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These are very useful tools in viewing the lecture videos.

---

The format worked.

---

N/A

---

Good format. Being able to view the slides and the video was a nice feature.

---

I liked that the slides were in sync with the video playing, this made it easier than having to rely on the video picture of the slides which is not always displayed long enough for me, plus the slide show was better quality.

---

It did enhance my learning experience, except sometimes the slides weren't synchronized with the video

---

I just let the video play... I didn't touch the forward or backward screen.

---

Allowing for windows media streaming would also make the process easier. since most people do use windows, and windows media player is packaged with all windows versions. I had a lot of problems initially getting the streaming to work. The lecture slides synchronization was very helpful. This experiment was definitely very helpful, especially in physics.

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enhanced

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It is confusing at first, but I got used to it after 20 minutes or so.

---

Actually, I did not use the lecture videos that much. I did use it once and found it very helpful. The slides could be more clear and as always, sound more audible. I think it's really cool how the slides are synchronized with the lecture. GOOD JOB GUYS!

---

yeah it enhanced the learning experience because even if I still went to discussion, there may have been a certain part of discussion that I thought would have helped a lot for the quiz....so I went and fast-forwarded to that specific part

---

yes, it is very helpful.

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The provided feature (multiple screens with slide transition synchronized with lecture) is good. But I would strongly recommend you to make available another type of links that will let the users download the files (like those for the first few lecture videos) and thus allow users to view them offline.

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Yes, I thought that was very helpful.

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I liked it, it helped to follow along with what was going on in class.

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n/a

Seemed pretty decent, almost like being in class, though is there a way to get student questions?

With Prof. Sharma's lectures, the large display of the slide on the right was rarely on the same slide as Prof. Sharma was. It only changed when he used the remote to change it, not when he used the keyboard on his laptop. It would be very helpful if that was fixed.

As far as format. I don't really like real meadia or quicktime. Just another program you have to download that asks you to buy it. The button thing for fowarding and rewinding did not confuse me

RealPlayer is prety straightforwars. Anyone who can use a VCR can use this.

I liked that the slides changed by themselves to match what Professor Sharma was talking about.

I think the whole thing was well thought out and quite useful.

Q: 5. Were the lectures/discussion clearly presented? Were the lecture slides useful in following the streaming video?

yes, the slides helped,

lecture slides were useful.

i thought the lecture slides were probably the most important. It was very clear, so we could rewrite the equations to practice.

Yes Yes

Yes Yes

yes for both

Yes

1) yes 2) absolutely yes

yes, all very helpful.

yes, yes

yes. yup.

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In general, yes. There were a couple cases where the lecturer was addressing a particular subject that was not on the screen. For example in Brian's week 9 discussion, he starts giving an example which he draws on the board, however the camera doesn't follow him when he moves to a different part of the board to explain one of the parts of the subject in detail.

---

n/a

---

Very useful.

---

Yes for both.

---

Yes, yes.

---

Yes, the lectures/discussion were clearly presented. Yes, the slides were useful, except they were a bit too small. This made it hard to read the slides.

---

the lectures were very clear as were the slides. both got to the point and were pleasing to the eye. they were very informative and easy to understand.

---

split screen slides were very helpful

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yes its all good

---

Yes they were.

---

most of the time they were clearly presented. sometimes we went over the slides to fast. the lecture slides were useful.

---

yes...close ups on board and writings were helpful

---

They seemed clearly presented. The lecture slides were extremely useful. I couldn't see the streaming video without the lecture slides being in sync with the lecture. If the lecture slides were provided in the same window, I think the video wouldn't be very efficient.

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Yes

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The lecture slides were useful in following the streaming video

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I found discussion and problem solving most helpful this quarter. I think the success of this streaming video experiment is highly due to having Brian Wecht as the TA for the course. If we had a poor TA, the streaming video would not have made a difference. For myself, this video on demand was used ONLY as a reference tool to re-learn the material. If the TA was poor, its not likely that we would've understood him a second time around through watching the videos. Essentially, a good TA would make the project worth while! Brian Wecht is the BEST TA I've had at UCSD!!

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Yeah, in class they were easy to follow, but obviously at home, watching it, might be more difficult. However, i could still follow them in the video experiment.

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Yes, but they werent worth it to watch it on video

---

It's a bit slow when we wait for it to load, and also the slides doesn't seem to sincronize with the lecture slide that Sharma is showing in the video.

---

yes, they were clearly presented. the lecture slides in only useful when it's the same pace as the lecture, which it is not the case for sometimes.

---

Yes, they were very very useful.

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yes

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yes

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yes, yes

---

I believe I covered that in question 4, but yes, everything was clear and easy to use.

---

Yes.

As I said in #3. Sometimes the lecture slides don't synchronize with the video. It's kinda hard to follow lectures and trying to figure out which slide he is on.

---

The lectures and discussions are clearly presented, the prof. and TA are both excellent. The slides are useful for following the lecture.

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Yes. Yes.

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N/A

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lectures/discussions were very well presented for the most part. There were a few times when the camera followed the speaker and didn't focus enough on what the speaker was actually writing on the board. Yes, I found lectures slides useful in following the video.

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Yes. The only suggestion is that the camera be focused on the overhead when he is using the laser pointer.

---

Yes and yes

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Yes. Both worked together really well.

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Yes.

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yes, the lecture slides are a very important part of sharmas lectures

---

Yes, they were really clear. The lecture slides next to the video was a very good idea too

---

Yes it was clear, except at the times when the audio went down. It was very useful to have the slides.

---

don't think the lecture slides were helpful in following the streaming video but i think the lecture slides were very helpful in general. Because when you see them in class.....you really don't have time to totally grasp everything so it's nice to view it from your own computer

---

yes, it is very helpful for the lecture slides aside with the streaming video.

---

Yes. Yes.

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Yes. Yes.

---

Yes!! Very helpful

---

yes. yes.

---

yes and yes

---

Didn't watch the lectures as much as I did the discussions....

---

Yes, they absolutely were, except for the aforementioned problem of the slide shown not corresponding to the exact point in the lecture.

---

Yup!

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YES YES

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Yes.

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Yes to both questions.

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Q: 6. (a)

Did you find the "Video on Demand" streaming of the lecture/discussion useful/not useful for understanding the com material; keeping up with the lectures?

very usefull, allowed you to review stuff tha tdidn't make sense in the book or the first time around

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it was useful when i missed a class. I never used it to watch only a part of the lecture I didn't understand. Seemed like a hassle to cue to a specific part.

---

I was still accustomed to going to lecture, so I actually didn't miss a lecture until 9th week. I found it useful then. Otherwise, I thought the lecture slides were always useful, because I would review them every week.

---

a)yes b) Yes it helps to have resources in addition to the book c) yes

---

Yes Yes Yes

---

a)it was useful if the lectures themselves were actually worth watching  
b)yes  
c)yes it helped me because I can see the discussions that I wasn't able to go to

---

I cannot tell if it actually helped me much.

---

a) I definitely found it useful to be able to go back and hear stuff i didn't understand b) yes c) yes

---

I love the idea, sometimes it is impossible to make it to lecture, i had the flu once in fact...but then i just watched it. this helps a lot. I did better in this course than in 2c and it's way harder. but maybe that's just cuz sharma is a great professor

---

a. useful, b. yes, c. yes

---

My understanding was increased by the streaming video, it is a great resource. The streaming video definitely helped me prepare for quizzes.

---

i think that this resource would have been more useful if the lectures were up sooner. i always felt that by the time i could view them, we were on another subject.(i know that it's not easy to get it up, that's just what i felt)

---

It was helpful if you missed a lecture or discussion session.

---

They are helpful if you missed the lecture. But personally i would look into the book as opposed to look back at lectures for particular uncertainties.

---

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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- a) Yes, I found the videos helpful in keeping up with the lectures.  
b) Yes, I think it is a good idea to have a resource like the video streams of lectures/discussions  
c) yes, I think it did help in my preparation and performance on the quizzes.
- 

i feel that the video on demand was a very useful tool this quarter given the complexity of the material. being able to go back and watch lectures for a second time was useful in understanding the material.

---

(a) n/a (b) i loved the idea! (c) i think it really helped

---

yes it was useful, yes i love this idea, however i dont think it helped much in doing the quizzes. in the end, studying is only up to the student!

---

a. They were useful to understand some concepts that i probably didn't get in calss. b. Yes c. Yes

---

i do like the idea. it is also noted that i went to every class, discussion and problem solving and find the ability to ask questions very helpful. i think overall the resource helped the class. i think the main reason that it helped was because the TA was so good, it was helpful to go back. If the TA was bad, i would NOT go back and look at them ever.

---

useful b)yes c)yes

---

- (a) I found it extremely useful. Sometimes I have a hard time focusing in class so I don't get what is going on but when I view it again, it sometimes makes more or perfect sense.  
(b) I absolutely love the idea of going back to previous lectures.  
(c) I think it does. Sometimes, I have missed discussion sections and having Brian give a general overview helps bring it all together. I don't think it has drastically improved my score but it does help clarify some of the topics that confused me.
- 

Very useful... I practically didn't need to go to lecture

---

I found video on demand useful in understanding and reviewing course material. I like the idea of having the resources to go back and view lectures multiple times (and see ones that I have missed for some reason or another). In all honesty, previous quizzes helped the most in preparation/performance in quizzes.

---

To be honest, I used the 'Video on Demand' to study for finals. It was awesome having the ability to watch previous discussion sections because it reviews the material again. Although I will be taking the 2D final the next Thursday, I believe it will help me do better on my final.

---

Overall, when I missed something Sharma or Brian said I could just watch the video. I definitely thought this was a useful tool.

---

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

---

yes, all this was very helpful.

---

yes, i don't like to read. watching video makes it much better. it's great to have the resource that allows me to go back. it really helped me to prepared better for the quizzes.

---

The "Video on Demand" streaming of the lecture/discussion is useful in understanding, but I believe attending class is an easier way to learn the material. It really helpped me in preparing for quizzes by reading the lecture slides or clicking on certain topics that I didn't quite understand in class and reviewing them.

---

a. it was useful b. yes c. yes

---

Honestly, I didn't use the videos a lot, but, they came in handy a couple of times. I love the idea of being able to view the lectures any time I want. Once I get used to the system I think it will help me a lot.

---

I found it useful so that I could go back and see things I may have missed. I do like this idea of being able to go back to view lectures. I think it helped somewhat in preparing for quizzes.

---

I attended nearly lecture (with the expectation of one) and so I didn't feel I needed to go back and re-watch a lecture that I got a good grasp on. But for one or two of the more difficult lectures, I did go back and watch them to see if they made better sense the second time around. As for my quizzes, I don't think I personally took advantage of the videos as much as I should have (at least early on) but once I finally tried it I found it very useful for the quizzes.

---

Very useful. Yes. I like this stream video a lot. Yes.

---

a) The "Video on Demand" is useful in helping us to understand the complex material. b) The idea of having a resource for reviewing the lectures is excellent.

c) This resource definitely helped me in preparation for quizzes.

---

a) Useful, because if I didn't understand something from the lecture, I could go back and watch it again. b) Yes. c) Yes.

---

I did not try the Video on Demand for the quizzes. But I do plan on using that as a resource for studying for my final. The idea of having a resource such as this is great. It gives the student a wide variety of flexibility.

---

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

---

a. useful b. YES c. NO doubt.

---

- a) It was a valuable resource.
  - b) I like the concept, but sometimes wonder "then why should i go to class?"
  - c) Yes, it helped.
- 

a. useful b. yes c. yes

---

- a) it was very useful
  - b) I think it is the greatest idea ever for a class. When I can't make it to a lecture, it helps more to watch the lecture online myself rather than copy someone else's notes for that day. Also, when unclear about something, it makes it very helpful to check back again and again, and pausing the video to think about the concept.
  - c) yes, very much.
- 

a. I didnt really miss a day of class so I didnt need to watch it. But when i did review some, they were pretty useful for things you didnt get in class.

b. Yes. This way, if there is a reason to miss class, you dont have to depend on your friends for notes, which may not be accurate.

c. Personally, I didn't need to look at it that often so I wouldn't think so. If I had miss more classes, it probably would have helped a lot.

---

Very useful. Especially in Physics where the lectures and discussions are spread out through out the week, at different times. It is sometimes difficult to make it to every class, and the Video on Demand allows for me to keep up with the course material

---

- a) useful for going back and checking out fuzzy concepts, but they arent up on the internet in time to catch up with lecture
  - b) yes the idea is great, i wish all my classes had this
  - c)no not really, disc and problem sessions work fine for that, but it does reinforce concepts
- 

Personally, I did not use this service much, but if i did i think i would have a better grade in the class.

---

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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a) I found it very useful and not really that complex considering this is the first time it is being done. At times I missed what was said in lecture and when I got home I was able to review the video and find what I missed. Oftentimes, in class I would just write down how many minutes have gone by so later in the video I know the general area I need to jump to.  
b) yes, I think this is a wonderful idea. Sometimes, you don't understand things after only going through it once. With the video, I can keep rewinding and watch the parts until I completely understand the material presented.  
c) Yes I think it benefited me a lot. One time, I watched the discussion right before my quiz, and it turns out I got a perfect on that quiz because the ideas reviewed in discussion were on the quiz.

---

streaming of discussion was very helpful...can't reply about lectures  
Love ideas of having it as a resource....because sometimes you have other priorities and this can help you catch up on what you missed  
totally helps for preparation for quizzes because you can go back to specific parts of what you don't understand

---

(b) I like it (c) yes

---

yes. yes, absolutely. yes.

---

a. Yes b. Yes c. Not a huge impact, but a slight one.

---

I think it very much helped with my performance on the quizzes, and I like being able to go back and review topics which I had a hard time understanding the first time they were presented.

---

a) yes. b)yes. c)yes.

---

it is very useful for keep up, review and especially for the quiz

---

The video helps when you miss class for some various reasons, not as much at the beginning but much more towards the end with all the differential equations running around. I guess it all relates to quiz grades somehow, but I'm not sure how much to credit to the video and how much to credit to my quiz routine that's been working pretty well since 2A

---

It was incredibly helpful for understanding the complex material. If I did not understand a concept in lecture, I can go back and review it as many times as I like, until it makes sense. Without this resource, preparing for quizzes would have been far more difficult, and I most likely would not have done as well.

---

(a) Yes. (b) Yes (c) A little Its always a comfort to know its there.

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**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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- a) It was very useful.
  - b) Yes. Being able to skip to the parts of the lecture that interest you the most is a very nice option.
  - c) I didn't try viewing the video during the quarter but I'm using it to review for the final.
- 

I liked the idea that if I didn't get something during lecture, I could go back and check it on the videos. I would say the videos did not enhance my quiz scores that much because I didn't rely on them to heavily. However, it was useful to clear up some small discreperencies in my understanding of 2D.

---

I did find this useful for keeping up with the material as I often miss things in class or have to go over things more than once to understand it. I think this definitely helped with my performance on quizzes.

---

Q: 7. Do you plan to view some past discussion/lecture sessions in preparation for the 2D final exam?

of course

---

Probably not the individual class videos, but probably the review clips Brian made.

---

yes, I think that's probably the most efficient way to study.

---

Yes

---

Yes

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yes

---

yes

---

yes

---

yes i do.

---

probably

---

maybe if i have time.

---

Definitely.

---

yes

---

N/A

---

No.

---

Possibly.

---



**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

---

No, I do not.

yes, definitely

yes

TOTTALY

Yes

Yes, we have a group together which are going to watch most/all of the discussions over. I think it will help a lot.

yes! Good review of information

I absolutely plan to view them in preparation for the final because I am, quite honestly, scared of the 2D final exam. I just wish there were more hours in the day so I can go over every single lecture and master everything so I can get an A+. Ok, maybe I am exaggerating but I am scared of the final exam and I do want an A+.

yes

Yes

Yes, definitely! Already have, and will continue to do so.

Yes, probably some of the stuff near the beginning of the quarter, since I might have missed some ideas or concepts.

perhaps

yes.

yes, i view it just to review the previous week material. sometimes it's related to the next quiz.

I would like to if I have time.

yes

yes

yes

Yes, I will for sure. Especially the lecture that I was unable to attend but also some of the early lectures to help remember some the older stuff that we may not have used very recently but will be tested on.

---

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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Yes. Definitely. Especially for the later chapters.

Yes, I do plan to view the past discussions and lectures in helping to understand the course material and for preparation for the final.

Yes.

Definitely.

Definitely.

Probably not.

Yes, I think that they will be a good review.

Yes, I am going to have a 10-hour discussion video fest.

Yes. I plan to view all of Brian's discussions for the finals. Brian explained everything very well.

Yes

yep

Yes, I do. There is a lot of video, though so I doubt I'll be able to see all of it.

Yes I do. I think I will more likely view the discussions and possibly some of the problem solving videos to understand some of the problems.

No

yes

yes

Yes.

Yes, but I think I will only view them after I have finished reviewing all the old quizzes, so that I know exactly which lectures to watch.

yes.

yes

---

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

---

o heck yea

Yes, absolutely. Especially the discussion sessions.

Maybe the lectures during the weeks where i didn't do so well on the quiz, but I don't think I will. I'd rather stick to doing problems.

YES

I hadn't been planning to do that, but maybe I will since you guys gave me the idea. =)

Yes, I already have.

Q: 8. Every lecture/discussion for the 2D course was streamed and video made available shortly after. Did you stop attending the lectures/discussion because of the easy availability of streaming video? If you did, was replacing class attendance with Streaming good idea (as measured by your own sense of learning, quiz score, etc) ?

i kept attendign lecutesr as long a si could, but the fact that they were streamed meant that i could still keep up, when i did miss lecture, it was unavoidable, and the video helepd a lot

I didn't stop attending because of the videos. I found it hard to really learn from watching a video. Also, the camera would sometimes not show the relevant parts of the board that the professor would be talking about. In class, i get to choose what things to look at.

I still like going to lecture because I'm used to being in a setting without distractions. I think being able to review the lecture is probably most useful for catching up when we can't make it to lecture. the lecture slides were definitely a big plus for me.

N/A

No Yes, the fact that it is lecture.

i attended lectures and viewed the videos time to time. i continued to go to lectures hoping that the professor would actually convey the material such that I would understand it but that never happened. Lecture videos can never replace the actual lectures, such as being able to ask questions.

I felt my time is better spent going to the lectures so I can do other stuff at home instead of watching the steaming video.

1) no (i kept attending). I kept attending because the material is tough and I find it helpful to hear it 2, or even 3 times; it definitely wouldn't hurt

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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i attended all lectures/discussions/problem solvings. seeing it in person is still better, but watching reaffirms.

---

No, I did not stop going to lecture. I can take notes more easily while sitting in class. Also, I do not have a fast enough internet connection from home, and it would require spending just as much time at school and going to lecture.

---

nope. i still went to lecture. i went because nothing beats going to class... the class is fun so why watch it on a boring monitor? hehehe

---

I never stopped attending lectures, however I didn't attend Brian's Discussion (because of its time -- not because i was available online). It would have helped if problem solving was made available online.

---

i still attended the lectures from fear that it wouldn't be up in time for the quiz

---

No, being at the lectures make you pay attention more and I tend to lose interest and concentration when watching from home.

---

I still attend lectures. But for the times I missed the lecture, the videos were of great help

---

No.

---

No, I did not skip lecture. This was because I didn't have a cable modem at home, so I couldn't conveniently watch the videos from the comforts of my home. I continued to attend lectures because I preferred attending lectures instead of having to find some other time to make a trip to CLICS to view the videos.

---

no...i attended every lecture

---

NO - the videos did not replace being in class and witnessing everything for myself and being able to ask questions to the instructor

---

of course not! i love sharma i kept attending because physics is all i think about day and night

---

No. It's not the same to be at lecture and to just watch something. And at times i barely have time to watch a full 50 min video

---

No i did not stop attending lecture. I like asking questions, so i came to class. Also, i don't know...you just got to go to class.

---

I tried to attend all lectures but at times when I had other things to do, I just watched the videos online. The learning experience at home is slightly lower, because of greater distractions, and the fact that 1 hour must be spent in front of the computer

---

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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HECK NO!!! Sometimes you have to be in lecture to get the jokes in class. Man that Sharma guy is hilarious. Watching him again in the video was worth the price of admission alone, even though the price was free for me. Furthermore, I remember missing a discussion and I totally missed a joke for some reason, maybe it was because I couldn't hear what the student was asking. Which reminds me, PLEASE REMEMBER TO REPEAT THE QUESTION IN THE MICROPHONE BECAUSE SOMETIMES I DON'T KNOW WHAT IS BEING ASKED!!!

---

It made attending lecture much more difficult since I commute from Rancho Bernardo

---

No, I did not stop attending lecture/discussion, because being there is different than watching because of the environment and reality.

---

No, I did not stop attending class. I believe attending lectures is crucial to understanding the material. Basically, if a question arose, you would be able to ask the question had you attended. By watching the video, you would have to go out of your way to attend office hours to ask a question.

---

I wanted to attend lectures because I learn better that way. Also, I can ask questions and interact with the class and professor if I go. Personally, I would never use the video to replace lecture.

---

no

---

No, I attended lectures and the sessions. It was important to attend lecture because being there helps you keep focus on the subject and the fact of your whole body being in that lecture is physically present absorbs you into the topic. Just viewing the video at home is not enough because it's hard to keep focus at home and some of the slides doesn't synchronize with his video.

---

i think it's still better to go to the lecture. the video is not always available right after the lecture. if you miss the lecture you might not be able to make to watch it one or two days later. since we have weekly quizzes, that's the time you can't afford to lose to study for the the material. the other thing is, you can't interact with the professor in the video. if there is something you don't udnerstand, you can't ask him to explain in the video.

---

No, I didn't stop attending lecture, nevertheless, it give me an option to miss class if I needed to. I decided to go to lecture rather than just viewing it online because being in the lecture hall and helps me to understand the material better. Viewing the lectures/discussions online is just an supplment, a second chance to understand the material, or a review.

---

i watched only some of the lectures that i didn't understand from attending the lecture.

---

no. I liked being at the lectures. Its nice to be able to ask a question if you want. Also its easier to just stay on a set schedule.

---

no, I kept going to lecture because the classroom does not have as many distractions as at home.

---

## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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In my opinion, the streaming video is no replacement for being in class but is rather a good supplement for redundancy. Because sometimes the first time you hear something, it may not sink in.

---

No, I still went to lectures. I decided to go to lectures because I only view the stream video as an alternative way of studying. I view them when I was unable to attend a particular lecture or when I need to review the material for quiz preparation.

---

I did not stop attending the lectures and discussions because of the video sources. Attending the lectures is good because we can get the first hand information in action, which is better than totally relying on the videos.

---

No, I still attended lectures because they were interesting and if I had any questions, they could be answered during the lecture.

---

I did not stop attending the lectures. Nor did I review the lecture video later in the week. I need a human being to teach me in person. That is how I do best.

---

I continued to attend class even after the lectures/discussions were made available online. The environment of learning from within a lecture hall is very different than that of viewing it recorded via internet. I found that it was easier to keep my focus on the professor live, than it would have been to skip class and try to focus on the computer screen while hearing the material for the first time. The online streaming videos were very useful as a supplementary resource to attending class. It was nice to have the videos online in case I missed something in class or just didn't understand and needed to go back to hear it a second time, but it is definitely only a supplement to class, not a replacement.

---

I usually could not make it to tuesday lectures because of logistics. (I live off campus and it is a hassle to go to campus late at night for one class) So the videos allowed me to see the lecture I missed, which is especially helpful.

---

I kept attending lectures because that way I was forced to listen to the entire lecture instead of getting distracted, which i often was when I tried to review the lecture, by my surroundings. Also that way I would not get behind and end up having to watch all videos thursday night, which would have been devistating on my grades. Also the more I hear the same thing the easier it will be for me to understand and going to lecture is the first oportunity I had to hear the new material.

---

No I didn't. I kept on attending the lectures because of the presence of my other friends in the class who also answered some of my questions when I am lost in the lecture. Also, when at the lecture, I am more forced to sit there throughout the entire lecture. If watching the videos at home, I get distracted and go off for food breaks.

---

I just like the fact of being there when the professor lecture in case any question arises.

---

I did stop attending the lectures, but I still continued to attend disscution. The main reason I stopped attending lectures is due to scheduling conflicts, and the video experiment was very nice in helping me not get to far behind.

---

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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i attended lectures basically every day because the videos were too slow to get online, plus i like the idea of real interaction better than watching a video

---

No, i attend every single class. Attending class is a lot better than sitting in front of your computer and watching the screen.

---

Well, I continued to attend lecture despite the availability of the videos. I continued to attend lecture because I felt that it was still more beneficial than just watching a video at home. I think the video is still not able to capture the optimum learning experience. Although, it was nice to sit at home and eat and watch the discussion videos. I do think that if this class was offered at 8 am, you would see a dramatic decrease in attendance for obvious reasons. If students had questions, they would not be able to ask direct questions since they are at home watching the videos. Then again, you do have e mail, but that takes time and may be a little more of a hassle.

---

I didn't use the streaming video as a replacement for going to class but a luxury to use if i had a meeting elsewhere or a midterm to study for or something like that. i did attend lecture and watched video from time to time, what made me attend lecture is the fact i live right here at warren anyways plus i always go to lectures as long as i can understand what the professor is saying

---

no

---

No. I did attend lectures, in case I don't understand the material and have any questions.

---

No, I kept attending the lectures. The video quality isn't exactly great and the camera guy has difficulty getting the camera in the right position at times, so the video can't entirely provide the same experience as actually going to lecture.

---

Well, It's not as fun laughing at Professor Sharma's jokes by yourself (people in CLICS start to look at you funny)... seriously, I just liked the lectures. It was the one class I really looked forward to going to every day. Also, as much as the videos are helpful as a supplemental, I know that it's much easier to get distracted when you watch them in front of your computer (I'll admit, I've watched the videos and chatted online at the same time) I think if I'd stopped going to lecture, I wouldn't have done as well.

---

no.

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no.

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## Physics Streaming Video Survey Results

### Quarter: Winter 2003

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Class and video differ in that one, you don't get student feedback, two you can't ask questions, and three, you're free to get up and grab popcorn and check lakers stats while the video's running the the background, so in the end it's not quite as effective. I don't believe that this will help students who don't bother to go to class, since they won't spend the time to sit through the video anyway, but for those who just miss class every now and then because of work, extracirricular events, etc, it could be real useful.

---

No, I still attended almost all of the classes. Streaming video helped me a lot in regards to the discussion session. I had a discussion session for another class at the same time as for this class, this way i was able to gain the knowledge from both. As for the lectures, I kept attending in case I had a question for Prof. Sharma during the lecture. I would not be able to do this with the streaming video.

---

I went to every lecture, and only if I was confused about something would I watch the lecture again. I'd rather not sit at my computer more than I already do. Plus, I don't think it's an exact replica of the actual lectures. In addition, there are less distractions in class so its easier to focus on what the proffessor is saying.

---

No , I didn't start using it until today. But if I knew it would be this convenient, I probably would have skipped a couple discussions when I had to study for something else. But Prof. Sharma and Mr. Wecht are outstanding teachers, so I made every effort to go to lecture/discussion.

---

The availability of the videos did not affect my attendance. I didn't really watch them that often. I still feel being there in class is better in terms of learning that being in front of a monitor watching the class.

---

No, it's definitely not the same and I still kept going to lectures. It's just nice to know I have the material available outside of class too.

---

Q: 9. Would you like to see this Streaming service extended to other UCSD courses that you take in the future?

yes, please

---

It would be nice for other courses to have this service, but if the costs to the school were too high, I wouldn't be very disappointed in not having it.

---

yep

---

Yes

---

YES, very much so!

---

YES

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That would be helpful at times but I don't mind either way.

---



**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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yes

yes, especially hard ones. if it were for too easy a course, people wouldn't attend. probably including me. computer science, ece, physics, math...courses like that need it. art obviously not. econ probably not.

yes

YES! this is cool. I know berkeley does it so it's about time UCSD does something like this.

Definitely.

yes

I think for certain courses, this service would be great.

Yes, greatly. Especially for non-science classes.

Yes

Yes, I would like to see the streaming service extended to other UCSD courses. Especially classes like Political Science and Literature lectures where hardly any visual aids are used and it is difficult to write down everything in the notes that the professor says.

yes

YES

yes of course, it is always good to have added resources

Yes, especially for ECE courses.

I would only like to see it extended if there was a screening on teachers and TA's. It would NOT be helpful if we didn't have such good lectures.

yes



**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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Yes please.

---

very much so

---

No. While it is a nice feature, it should not be implemented campus-wide. feel that money should be spent elsewhere instead of on filming lectures. The only classes that should have streaming lectures should be especially tough classes, or classes that have strange schedules, like physics.

---

Yes, I think that this Streaming service would be good in other classes because that way I can review all the things I had trouble understanding in class.

---

yes, please!

---

Yes. This would be a great help on those rare occasion someone has to miss class.. or for those 8 o'clock class that I would like to miss :D.

---

Definitely

---

yes, EE classes please!!

---

Yes, especially ECE and CSE classes, becuae we always go so fast in these classes and it would be very helpful to review the material.

---

Yes, I think this would be a wonderful advancement in our learning process. There are so many advantages that this service provides to the students. Of course, you always wonder what would happen if an 8 am class with this video service had 0 attendance and it was just the professor lecturing to the camera. I don't know if that is necessarily a bad thing and how you would deal with that.

---

Very much even though it's not possible for every class.....financial situations of course is the problem

---

yes

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yes

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Absolutely

---

Yes.

---

Yes!! It would be really really helpful in my electrical engineering classes!!

---

yes.

---

definitely yes

---

**Physics Streaming Video Survey Results**  
**Quarter: Winter 2003**

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sure. I'll need all the help i can get in upper division math/science/engineering

Yes, I would be very happy to see it in some of my other classes.

Yes

YES YES YES!!!!!!! It would be great to have some engineering classes on RealPlayer, since the lectures are integral to the course, yet are sometimes so dense that it would be beneficial to go over them again.

It would be a nice study aid if offered in other course.

Yes, definitely.

Q: 10. Please rate (if you have used it) this Streaming video project on a scale of 1(useless) ---10 (killer app).  
Please provide any other input related to the streaming lecture video experience; how to make it better the next time around ?

7.5, need to stream better, show the total time and the time elapsed so you can fast forward to the parts you need

rating: 7

8

10

10!!! quicker updates

10, please let me be able to download the whole video file onto my hard drive. This would be great for students using broadband connections that aren't that fast, which is me.

8 it is good as long as it is always there and reliable.

i'll give it a 10, because i find it extremely useful but at the same time i have nothing to gauge it against for improvement. I definitely will say that the format was much more convenient by the end, however.

9...keep it coming, keep the real video format for us with firewalls on cable modem.

8

10!!!

9. Would have been perfect if it was not in Quicktime/RealPlayer format, if Problem Solving was filmed, and if the camera person followed the lecturer a little closer. Still it was very useful and I hope further implementation is considered.

**Physics Streaming Video Survey Results**  
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8

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6

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8 -- i think the video project would've been better suited if we were on a semester system. it would've been more valuable in a long run as it covers more materials and its more in depth. For quarter systems, the lectures sort of rush a bit, therefore the lectures themselves are not as in depth or as thorough as the books themselves.

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7. At first it seemed like it would be awesome, but I never really used it that much. Still it was nice to know it was there in case I ever did need it. Thanks!

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5

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8/9

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9 - i would have given it a 10 if i had used it more often

---

i rate it a  $(3) * (\pi)$

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have better technical support, especially in the beginning of the quarter when everyone is still trying to learn how to use the stuff and get familiar with it

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7

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I think it was a good experiment.

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7...although it helps to make the content of the class more concrete, it provides an "easy out" for students who don't want to go to class.. which depending on who you talk to can be a good or bad thing. The only neg is it promotes missing class, in my opinion

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Let's see, what would I give it?

10 doesn't do it justice, I say, oh, 17!

Does this form have to be anonymous? I wanna say my name so the Professor knows who I am and so I can get some brownie points!

Suggestion, more you view the lectures, more extra credit you get on quizzes.

One more thing, it would be great to have the lectures up ASAP, perhaps on the same day? As I write this on this Tuesday night, I do wish the lecture of the Tuesday night lecture would be up so I could view it again later in the night or even right before the lecture on Wednesday.

Also, why don't you guys try video taping during the quizzes. I would like to see the frustration on people as they do quizzes and you can also catch people trying to cheat. Most cheaters sit in the back, where the camera is located anyway, so why not?

Okay, I get rather hysterical at night but all joking aside now. I do think this is a great resource and do hope it gets implemented in more classes. It is just a shame since I know some of my friends do not utilize it all. But there are people who do utilize this great project and I do appreciate this experience even if it is a one time deal. I would like to give a special thanks to Professor Sharma for being very entertaining, I can tell he likes to be on camera. Also, another special thank you for Brian for being a superb and equally entertaining TA. You two made watching the videos less painful than watching some guy just plain lecturing. Also, thank you audio and visual people/behind the scenes guys for taking the time to help out. And whoever funded this experiment and kept it alive this quarter, THANK YOU!!! And a final thank you for anybody else I don't know about who contributed. Thank you all!

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10

10. great stuff.

(8)! As long as there is a good TA, go for it!

10!!! Maybe could add sections where you are able to fastforward to in lecture...I know this was done somewhat, but this seems to be a valuable feature! Thanks guys!

---

7

9 (the -1 is because the slide doesn't seem to synchronize with the lecture, which you all can improve easily?)

i will give it an 8. it's very helpful for studying, especially for people like me that reading is very difficult. you can review the lecture and watch it as many times as you want and go back to the place that i didn't concentrate in class. it is hard to be 100% during a 50 min lecture. the only thing is, when they reconfigure the lecture, you can not change the slides manually. and sometimes it doesn't match with the lecture topic. i had to open up the lecture slides in another window.y

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9. It could be better if the streaming lecture video could be posted up the night of lecture (or w/in 12 hrs.)  
Thanks a lot for doing this for the students~!

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8

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7.5. It would have been a definite 10 if I could have accessed it at home.

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8

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I would have to say: 10. If it were any better it'd be doing my homework for me.

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I would say... 8.

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Rating: 9 (took off 1 because of the lagging)

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9

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Rating: 6

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It was not accessible as readily for people who live off campus, i.e. people with routers/firewalls. In order to watch them I would have to go to campus which takes up more time. If I were able to see the videos at home, the rating might have been higher. Though it is a very useful and novel idea.

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10

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8

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I liked it, but I mainly used it to see what I missed on Tuesdays. Doing the homework probably helped me more than reviewing a lecture.

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8

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100.

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I would rate it an 8. I don't know how to make it better since I thought it was great. Maybe make it available for download so the people that can't access it directly can download it and watch it that way.

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10, selection of different bitrates and formats would make this project much more user friendly

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7 - it seemed well executed, it would be really useful if the problem sessions were taped because I know a lot of people can't get to them... also put the videos up sooner!!

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9. Mayb

I would give this project a 9 because I think it was very helpful but just needs some tuning up as far as audio and recording goes. Read above for suggestions for improvement. :) THANKS AGAIN CAMERA GUYS!

8.....good the way it is for now

9,

I will give it a 9. Suggestion: 1) Let user download the files. 2) Make the videos available even faster.

---

7

Umm, I'd have to say 9, my only complaint is that the videos are not made available soon enough. There were a couple of lectures which I had to miss, and I really had wanted to watch them later that night so that I would be caught up in time for the next day's lecture...but they weren't posted until a day or so later. They were always posted by thursday though, which was nice.

9

10

It worked pretty smoothly for me, didn't have to mess with my firewall, just had to download RealOne player, though I find i only have the motivation to watch it when the material starts getting messy, ie, towards the end. Before, I've always preferred staring at the book.

Overall: 8/10

9, minus .5 for the inability to ask questions mid lecture(can't really help that), minus .5 for the inability to hear questions that other students who are at the lecture may ask.

10

10 - As long as the lectures/discussions are up on the website quickly so people can use them in the same week (before the quizzes), they'll be a great enhancement to the course.

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8.

It strange when the format suddenly switched from quicktime to real video, but I guess that was to accomadate the auto-slide changing.

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10. I can't really think of any substantial improvements except that sometimes the camera always didn't close in on what I wanted to see, but that's not really a big deal.

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