

What could your instructors have done differently to make your experience with online lectures better for you?

Zoom automatically recorded the video and message during the class. But some instructors recorded the courses by themselves instead of using the function in zoom. And the personal recording does not have the message searching function. It's inconvenient for students to search for some keywords. You need to watch the whole video or some parts. It's a lack of efficiency.

WORK WITH STUDENTS!! NO PUNISHMENT FOR THINGS OUT OF THEIR CONTROL

Utilize the Canvas calendar. When critical information is shared only through lectures, it is difficult and cumbersome to get a grasp of what is coming in the future.

Used updated technology, be more communicative and supportive. Lack of understanding was abundant.

Used online white-board software.

Used more ways to have students actively engage during online lectures through discussions either on canvas or zoom.

Use polls, keep students engaged, increase student interaction, keep every participants' videos on, make breakout rooms for students to meet each other, etc.

Use one note to write out their notes as they teach. It would help me follow along better. If they lecture off of their slides, I struggle more with paying attention and I wouldn't feel the need to take notes.

Use of polls and activities to check if students are learning.

Use a digital pen and tablet to draw the diagrams live.

Use chat-based office hours.

Use a "whiteboard" feature to complete problems.

Usage of better writing tools to explain the concepts.

Uploaded the lecture before or after it was given.

Upload resources to Canvas.

Upload class record video for future review.

Upload all online lectures/labs that are attended on Zoom. Even though this might discourage attendance, sometimes Wi-Fi cuts out, or there is an unexpected situation at home that can't be ignored. In these cases, it is easy to lose track of lectures and become lost and confused for the remaining time.

If a student misses a lecture, give them a short deadline to watch the video posted online. Maybe a quiz with short written answers can excuse the absence.

Give participation points for asking questions in the lecture to promote attendance. Maybe meet with students for a short meeting after every exam just to check up on the student, see if there are any issues or concerns with online learning.

Maybe create an anonymous survey that students can submit to constructive feedback during the semester.

Understand Canvas and Zoom better.

Thoroughly explain our labs.

This is truly a tough subject. Many instructors in XXX do not typically work with the most high-tech equipment. I think what was more apparent while everyone transitioned to remote learning was the inability of some professors to adapt, as well as a lack of understanding that the effectiveness of their teaching had significantly decreased. It would be much more effective to spend extra time on material, especially difficult material, and ensure that it sticks and makes sense, rather than push through to make deadlines. I feel like I speak for many in that, it seems like since the quarantine began, we were essentially teaching ourselves everything.

They should have done more research on what to do when I come to online teaching

They need to have more involvement as it was too easy to get distracted and stop listening.

They need to be more enthusiastic.

They did their best. Could not expect more from them.

They did most things effectively.

They did fine with what they had with the time being.

They could have used Canvas so they wouldn't lose our homework all the time.

They could have given us more practice problems with solutions.

They could have been more interactive.

They could have been more accessible or adjust the classwork to reflect the reduced attention. and teaching we got from the professor.

They could be more understanding of the burden the students are being put under

They all did a really good job.

there is nothing that is going to make it better in my opinion. In-person will always trump online.

There can be better engagement from Instructors most of the instructors were very inflexible in their approach. Also, better to give the opportunity to ask one on one question. It is difficult for many students to ask questions in front of the entire class.

the zoom interface lacks features for engineering classes. being able to use a whiteboard without having to switch screens would be very helpful for working through problems

The professors don't care how much workload they put on students. Most of them just posting topics, links, and assignments and ask to go through them and self-educate yourself.

The online labs for XXX need restructuring, not sure how but Spring semester labs were a little scrambled.

The lectures weren't an issue. Mostly the testing was the bad part.

The instructors may turn on their video so that it helps in focusing since that would feel more interactive.

The instructors can post a prerecorded video into Canvas, and the students are able to get a hint on what to focus on. Mostly, the instructors need to prepare their materials well which would not confuse the students.

The instructions should have shared the recorded lectures. Because many times there used to be loss of connection in certain lectures for a few seconds also not being in-person training it is easy to revise the things thought in the class.

Tell us our current grades while the semester and not our final grade after the final.

Staying consistent with the information they were sharing. About halfway through some teachers stopped communicating with the students and it made it hard to know what is due and what is up next.

Stay on top of the subject and thesis for a lecture explained rather than jump all over the topics to confuse us even more.

Stating clear and complete instructions for the assignments.

Some things online were stressful such as having due dates during the lecture. Some of the labs were more distracting on zoom since its harder to ask the person "next to you" and you have to listen to all of the other student's questions. It was helpful at times but due to the online format harder to collaborate compared to in-person. Office hours were hard to seek help but having the zoom lectures allowed us to interrupt and ask questions.

Some teachers having virtual whiteboards/drawing tablets was helpful. It was much easier to see than a physical whiteboard on a webcam. I found myself much more engaged when teachers could write directly on lecture slides.

Some professors never posted a modified class schedule causing me to miss a number of classes before finding out from other students in the class. Fixing that would solve my biggest issue. The next thing I would like to have seen was more flexibility for due assignments. In some cases, I could not attend a lecture because I needed to help my family, or the internet connection was spotty/failing. Teachers kept assignments due during class and in those instances, I had no choice but to take a failing grade.

Some professors needed better ways to access resources for the course they teach.

Some of them had issues posting recordings of the lectures online.

some instructors were not properly supplied, and I think they should've been allowed to borrow necessary supplies.

Some instructors had poor audio and were difficult to hear. Please do an audio check on all instructors and address this issue. Also, please enforce the recording of all lectures (again with good audio).

Some could have taken the time to learn more effective methods of teaching than sticking to one way. Others could have reached out more often than leaving us in the dark.

Some could have organized better, but understandable due to the quick nature of things

Some could have communicated better or actually lectured or at least sent out an email when files were posted for the class.

Smaller and more frequent assignments. Some kind of whiteboard app in lieu of a classroom board.

Show their face. No more live lectures; instead do a recording with their face, and then have a shorter session for Q&A.

Show more enthusiasm, please don't get frustrated with a student when we are not as engaged as we once were.

Show more effort. felt extremely disconnected. online video instruction from professional albeit non-professors seem more beneficial.

Should have been given more time to organize and switch to online. Extended lectures to more effectively cover material that is difficult to understand.

Sharing extra resources for a topic.

Shared resources (presentations/sides).

Save the videos of each class in case we need something to go back to the video.

Require less participation for lectures, provide more assignments for practice.

Reformatted assignment and project deadlines to reflect the current situation.

Refine the exam structures. Inconsistent rules and tools make exams difficult.

Reduce the number of assignments.

Recording the lesson, so I can watch it again when some parts are difficult to understand recorded all lectures.

Record your lectures! Make them available to us later- even if only for the semester.

Record videos of online lectures that can be watched. When my internet would disconnect me in the middle of a class it would often take me 10-15 minutes to restart and get back online, I could not make this time up and would lose out on that lecture time.

Record their lectures.

Record the zoom meetings and allow students access, better time management.

Record the lectures. Use a tablet to do problems instead of a whiteboard. Return graded assignments sooner. One of my classes did not return any assignments or give any grades until after the final, and even then, it was only the final grade that we got. There has to be regular feedback to students about their progress, otherwise, the school might as well be canceled.

Record the lectures to view later.

Record lectures and then post them. Use the class time to discuss the lecture and go over questions.

Record all lectures for us to watch later. Super Helpful!

Providing more examples. Could have simulated a whiteboard on the screen and worked out engineering problems since it's difficult to learn how to do them when they are just lectured.

Provide the lecture presentation slides on Canvas as well as any examples done on zoom.

Provide teachers with writing tablets.

Provide recordings as soon as possible for reviewing.

Provide more sample work of concepts to learn effectively, and more office hours online.

Provide more resources such as increased office hours, additional reading materials directly related to the subject being taught not general materials not part of the class.

Provide more real-world examples of what's mentioned in the lecture.

Provide live examples of the tasks that were usually for the in-person classes.

Provide links to relevant online lectures, hold q/a practice instead of repeating lectures.

Provide lecture notes of even the verbal parts because poor internet makes it difficult to hear.

And if the instructor has poor internet, the recording is bad too.

Provide feedback on the work that was done in a timely manner.

Prototype development is difficult when you need to interact online in a group.

Professors should not require multiple webcams, increase the difficulty or workload of assignments, or make any assumptions on students' availability of resources/time. Professors should proctor their own exams over zoom, provide a larger window for submission of assignments, and provide more resources for the student to access course material (upload lecture slides, recordings of lectures, practice problem sets, etc).

Professors need to facilitate conversation. I think that is the single most important, key important factor. Professors should not be talking into a camera and mike for x-many hours, and believe they did an effective job. And for goodness sake, if they ask the class, "any questions", and there're no responses, please do not assume everyone gets it. Obviously, people are not entirely comfortable with online platforms and so aren't taking as much initiative to ask questions as they might in person. Maybe with time as people get acclimated, that would

change, but I hope we don't necessarily have enough time to acclimate to online - I hope we return to in-person well before then. I think it's incredibly naive of a professor to assume everyone in their class understands the discussion if no one responds. They need to coax the class into participating. If that sounds like an uphill battle, congratulations - that's a facet of the problem. But if I'm paying this large sum of tuition, on time, without my check bouncing, then I expect a certain level of effort being put in for my money.

PowerPoints that we have access too. Best.

PowerPoint slides are terrible in person and especially awful in an online class. Using a whiteboard to physically write makes it much more engaging.

Posting recorded lectures and being better prepared.

Posting all lectures and notes. Some teachers do not post everything making it extremely important to make all classes. Especially with limited contact with peers, all information needs to be posted for all to see.

Post recordings of lectures to accommodate others' schedules.

Post lecture videos.

Post all notes online as pdfs.

Post all lectures ASAP to Canvas.

Planned/recorded/ edited videos instead of reading slides. Activities during lectures are also very important.

Physical lab.

Paid less attention to comments in the zoom chat and lectured faster.

Organize the canvas more efficiently from the student end. And emails for reminders are great. Online canvas tests could only grade computational problems full or no credit. No partial credit is possible when questions require multiple steps. To way to show work. Need to invoke some form of handling those types of questions.

One professor did not communicate with our class for 2 weeks (including spring break) about how the course was going to be.

One of my professors put the lecture video before class time and then at the class time asks us if we have any doubts about the things covered in the video. I think that should not be done as that consumes our double time, first understand the video and then attend the lecture also.

Offer zoom class meetings.

Nothing. It is about the same really. The only issue is not having a classroom environment that would normally motivate me to do schoolwork.

Nothing. Everything was good. Maybe have recordings of the class for students who were unable to connect via zoom at the time of the meeting.

Nothing, they are not built to be online teachers, they all were deficient, unfortunately, but I do not blame them, they were meant to be "online-only" teachers.

Nothing much because I struggled with the material they had to teach because it was boring to me, not with the way they taught it.

Not use PowerPoint slides. Note-taking with a tablet seemed to work best.

Not sure. More office hours?

Not pile on work and actually give us a reasonable amount of time to learn the material since we are teaching ourselves somewhat. They were teaching the material as if it were in-class sessions which are a lot different than online classes.

Not much. Being more responsive would have been nice. But it's difficult with zooms format and a few particular disruptive students.

Not just flip through the textbook, which I could've done on my own. Not make zoom meetings on Saturday, which is supposed to be one of two days I can take some time for myself. Not taking over students' lives because they suddenly have access to web meetings.

Not disappearing until the final is a start.

No PowerPoint. Write on slideshow-like in class.

My instructors could have incorporated more of Zoom's functions into the lectures, like the draw tool. I had a few classes that utilized this function and it made the class way more interactive.

My XXX professor did it, but I think every class at this point can benefit from recorded lectures. It's hard for many to pay attention and to study effectively through an online lecture where distractions may occur, so if recorded lectures are mandated as long as classes are online that would be great.

Must have recorded the classes.

Most were accommodating. Others expected the same learning curve, despite the transition.

More/better examples of problems. The assumption that we could find them on our own. Especially using new programs.

More weekly assignments to make sure we are keeping pace with what we need to know. Don't just shove a bunch of problems down their throat like the math department maybe 5 questions max on important areas they should understand.

More webcam times. Urge students to use the webcam. Encourage/reward interactions from students. More open questions to increase the fragment from students.

More videos of worked-out examples.

More understanding of our situation.

More understandable methods of testing.

More quizzes.

More interactive and making it interesting with additional examples would have been good.

More interactive activities

More interaction such as polls would have been better. Delivering only the pertinent information would have been easier to follow since there is less space for professors to write at a time which means it is harder to connect the dots as everything keeps getting erased for a clean screen.

More in-depth homework assignments.

More hands-on during zoom. Using the breakout rooms.

More feedback.

More engaging lectures.

More empathy for the disruption in class mode and pandemic.

More breakout room discussions.

YYY's pre-recorded lectures were pretty awesome.

Maybe a set plan for all instructors in case something like this happens again.

Make the lectures as long as they would have been if it was in person. Lectures were shorter. Also, the midterm was canceled so we didn't know what to expect on the final.

Make it more interactive.

Make everyone turn on their webcams.

Make enough pause during class and interact with students.

Made lectures easier to follow and have more online resources.

Listen to students when they say the professor is having technical difficulties.

Listen to students' questions.

Less reading off PowerPoints, do actual problems related to the subject, record lectures to go back, and review notes when studying.

Learned how to use Zoom lecturing.

Learned how to use the Canvas system for notifications and communication.

Labs were the ones that I thought weren't effective when online.

Labs should be canceled completely; physical labs are impossible to cross into online labs.

Kept in touch more about assignments and projects.

Just record the lectures and upload them.

It's really hard to make it effective because it involves all hands-on activities.

It's kind of hard to say because they weren't expecting it either, however, I would say adjust the syllabus for online learning.

It's really hard to say because I know the Professors are struggling as well. I believe the institution as a whole should have slowed everything down and came up with a better plan.

It's not their fault, the material is just more understandable with in-person instruction.

It was hard to follow some of the classes because they did not record the lectures. For Tech 60 Labs, it was hard to understand what program we were going to use that day. This was due to the professor asking us to download a few software for class and we ended up using only a few of them.

It was decent.

It is really hard to study online.

Interactive learnings instead of just presenting slides.

Instructors not relying on just slides and give meaningful examples would go a long way

Instructor uploading their own notes creating during the class after the class was over.

If it is online, you do not have to have a scheduled class.

Set up virtual office hours.

Just because we're working from home doesn't mean we should be assigned more work.

"Look at the textbook" or "do some research" are not helpful answers.

Instructors need to understand that their class is NOT the center of our curricula.

I would like to see more help from instructors since we cannot see them in person.

I would like to see more attention paid to a captivating/engaging online presentation, vice simply reading off slides. Not all professors were completely adept at leveraging technology tools to the online presentation (i.e. had difficulty pulling up diagrams from textbooks onto Zoom, using a pointer to illustrate what part of graphs are being examined).

I would have liked more practice assignments, it's more difficult to focus in class and the same amount of weight is given to the exams, so having more smaller assignments to act as a grade buffer and practice for exams would have helped dramatically.

I wished that the professors had better resources for "writing" material during teaching. I highly recommend iPad pros for teachers who want to write material on the screen. iPad Pros have succeeded in allowing a user to write almost exactly how they write on regular paper.

I think the largest improvement professors could do is troubleshoot their methods before time-
- regardless of the method (annotations through iPads, on a whiteboard, etc.). The Internet is

unpredictable, but lighting and camera focus is fixable. Additionally, professors who make and save annotations on their online lectures should look over their lectures. If they don't think their notes are clear, then they should adjust.

I think it would be nice to have library access. I also didn't realize until the end of the semester that I could download excel w/student access through university. If it was announced I totally missed it! My prof brought it up at the end of the semester.

I really enjoy having live lectures. It would also be great if these lectures could be posted online afterward to refer to them after class when studying. I like it when professors provide lots of examples for me to practice on my own. However, I do not want random busywork. I also really liked how some of my professors hosted extra office hours so they can be easily reached. It is also very important for me to be able to get clear instructions from them or at least communications from them at least every other week.

I liked live online lectures because there was more interaction.

I feel that he could have been more engaging with the class and spent more time on the lecture talking about the lesson instead of just uploading the lectures and having us write down notes. I do not tend to work effectively if I were to follow his method.

I feel like my professors did the best they could. I think it would be cool if the college of engineering offered a sort of webinar to help professors use Zoom and other online tools effectively (if there isn't already) as there were always some issues in almost every class.

I couldn't focus due to lack of proper study space and watching videos fails to capture my interest I can't handle self-paced classes. I just don't do the work and then wait till the last minute to complete the work. I need a consistent lecture time where I can call in and take notes.

I can't clearly say, but I think a little more HW assignments than usual would have helped.

I am not sure. No one was prepared for this. Labs suffered the most, all hands-on learning was thrown out.

Having a tutorial on how to download specific apps required by the class.

Having a plan, announcing things (such as exam formats) ahead of time. Sometimes we got that info as little as 1-2 days before the exam, and it was stressful.

Have professors upload recordings of lectures to look back on since Zoom offers that feature

Have better communication outside of class hours.

Have all of the record their lectures.

Give extra examples on the side.

Flexibility.

Fair grading and actually teach.

Everything was good and normal.

Engage with the class. Allow time to collaborate. Break out rooms were awesome to work with others and honestly to socialize when we hadn't for so long.

Engage more with students in class discussions. Adapt curriculum to online learning format.

Encouraged more collaboration than just lecture.

Elimination of zoom breakout rooms as those was ineffective in multiple classes.

E-Learning could be helpful for reviewing but not a first-hand learning experience.

Due to the unforeseen circumstances, my transition to online learning was halted when one of my professors could not hold classes and did not instruct for nearly a month. No direction, our group work had been disbanded and ultimately, we were given a design report on the last month

of class. Not learning much from the class and then having to write a report on designing an aircraft and its subsystem seemed to be made up. As if it had been thought of last minute and give to the students to do individually although most of the semester, we had been doing group work.

Don't ask questions in an exam which you don't teach.

Extremely bad grading criteria. Not able to ask questions.

Don't know.

Do away with fixed time lecture schedules and post recorded lectures online to be viewed at any time.

Didn't get help on lab.

Created more Zoom sections to follow group projects.

Could have at least sent the recordings of the lecture conducted online. There were so many in-class assignments in one of my courses, where it was extremely difficult to cope with the other mates in the online class. As there were zoom connectivity issues, due to which students lost points in submitting the assignments within the assigned deadline.

Coordinate on the number of extra assignments given due to the shelter in place.

Continued the same format they were conducting the class prior to March 2020 or have more mercy for students and their time and well-being in a time of panic.

Continue to record lectures and post slides, working through problems and examples in class.

Consistency.

Conference calls, communication was lost using the only email for one of my classes.

Conducted more practical assignments and be more available to students.

Conduct lectures properly with demos.

Clear instructions on how to communicate or contact professors outside of class.

Classes could have been more interactive and interesting.

Clarity.

Canvas does not prompt for confirmation after clicked on the Submit test. I think that needs to be fixed. As it can be accidentally clicked, it happened with me. It affected my marks for that class.

Breakout rooms and making a small group and brainstorm.

A better way to present material.

A better understanding of Zoom/other lecturing software.

Better mic.

Better methods of communication.

Better applications to engage, the zoom is bad.

Been more relaxed on assignments and credit with everything, posted more material to help students.

Been more patient, more resourceful, and done more worked out problems.

Been more organized -- many of my courses seem to diverge from the course syllabus. Utilized online tools to help students learn -- some professors utilized an old laptop webcam camera to display lecture and often the quality would be pixelated and unreadable, professors should be provided with writing tablets to display handwritten notes.

Because most of the engineering classes need calculation and solving. It was hard to understand and see the solution as the teacher is talking not writing it down.

Be more understanding of online classes and how we all were living through this time. Things just seemed to get harder.

Be more reasonable with homework and self-study expectations.

Be more organized, and they need to be fully trained because I saw the difference between a teacher who knows their way around Zoom and has taught a lot better than a professor who didn't know how to really use the zoom.

Be more accommodating, plan ahead, review their slides. Way too many typos and professors didn't always post zoom video downloads after which made things hard to review.

Be in person like I paid for.

Assign feedback homework for each lecture.

Ask UCLA. Their materials engineering program is all online.

animated figures to show the flow of the diagram to where values and parts come into play. Some diagrams inside the slide or textbook don't move, and if I watch different sources other than the class example it is hard to verify if it is correct or not.

allowed class time for group members to communicate for assigned group projects/ posted lectures that were accessible to all platforms.

All should use the same platform (i.e. Canvas) because it is expensive and disorienting to be switching around on the various platforms. Furthermore, recording and sharing lectures were helpful.

Adjust the projects due to the changed environment.

Add more details to online lectures rather than verbally speaking

Adapt to the online format.

Actually, teach and care.

Actually, teach.

Actually, have lectures.

Actually, give a lecture and not play a recorded lecture. Also recording zoom lectures so students can access later is helpful.

Actually, cared and constructed homework and exams that don't require blatant problem memorization. Work on material that's applicable to modern technology and know the information so they could help students.

A better format for exams; Exams were formatted where you can't go back to review questions, thus it put stress on students to focus on getting current questions correct - thus reduce time to complete the exam.

1. Recorded the lectures and made them accessible as soon as possible.

2. Online testing simulates an actual testing environment, i.e. writing on a paper and scanning it. No online fill in the blank questions that don't allow for partial credit.