A serious guide with an attempt at humor from your ILC Director, Dr. Iris Thiele Isip Tan. Ed tech in the time of COVID-19. Kaya natin 'to!

What teaching/learning activity are you hoping to convert to online?	Ano iTech (Requires little tech expertise)	KonTech (Requires some tech expertise)	HiTech* (Requires tech expertise)	SAMR** (Substitution, Augmentation, Modification, Redefinition)
Bloom's Taxonomy Level: *Remember/Understand*				
Lecture	Annotate slide deck by writing presenter notes per slide. Email to students as pdf handout. Alternatively, you can email the slide deck pdf separately from the slide notes pdf.	Record lecture as audio (smaller file size vs video, but try to limit length to keep size down). Email to students with the slide deck. Students can advance the slides themselves as they listen to your audio lecture. Click here for a tutorial on recording audio using a mobile phone. On iphone/iPad, you can use GarageBand to edit. Open your presentation and record screen with audio, to make a quick teaching video on iphone/iPad. Instructions can be found here.	Record a screencast (lecture slide plus talking head) using Screencast-o-matic (tutorial here) or Panopto (for College of Medicine only; tutorial here). Screencast-o-matic is free for video length <15 min. Upload to YouTube as an unlisted video using G suite in your UP email. Share link to video by email or post link on Google classroom or VLE. Panopto videos are automatically added to your VLE course.	Substitution: As the intent is to transmit content, the function remains the same even if online (using emailed pdf, audio or video). Recording the lecture for asynchronous viewing is preferred as students may have difficulty logging on at a set time. But if you prefer doing a live lecture, you can use Google Meet or Zoom. Use your UP email to sign in. The instructions are here. Tips for using Zoom for online learning are on this webpage (downloadable as pdfs).
Q and A after lecture	Questions/answers via email. Read about tips on running a class just using email here.	Use Google Meet or Zoom for a synchronous meeting online.	Flipgrid at http://flipgrid.com is a video discussion platform. Students and teachers can do Q & A via asynchronous video recordings. Click here for a short tutorial for teachers.	Augmentation: Using FlipGrid, the Q & A video exchanges can be commented on and seen by all students. There is time for further reflection as the exchange is asynchronous.

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Bloom's Taxonomy Level: *Apply/AnalyzeEvaluate*				
Quiz	Open notes type of exam sent by email. Teacher emails answer key after exam answers have been submitted by students.	Quiz activity on VLE or Quiz in Google classroom (uses Google forms). Both systems are self-grading (depending on question type). A short tutorial to create a quiz in Google classroom is here. Click here for a tutorial on the quiz activity for VLE. It is possible to customize feedback for correct/incorrect answers.	In a branching scenario type of quiz, a student's answer determines which information/question will be shown next. You can do this using the Lesson activity or H5P, both on VLE). Click here for a tutorial on H5P. Here's an example of a H5P branching scenario.The tutorial for the Lesson activity is here.	Modification: Students receive immediate detailed feedback with online quiz as a form of formative assessment. It is also possible to add high-quality photos and even videos within the quiz. Redefinition: Branching scenarios allow flexible and adaptive learning.
Small group discussion	The Forum activity on VLE allows students and teachers to exchange ideas by posting comments (may include images and videos) as part of a 'thread'. Click here for a tutorial video.	Zoom allows breakout rooms. Find out more here.	FlipGrid (go to page 1)	Augmentation: Using the Forum activity, introverted students are able to participate in the discussion. Posting forum rules/rubric helps ensure quality of the discourse.
Clinical preceptorial	Email a paper case with guide questions. The teacher can email a discussion of the case later	EdPuzzle at http://edpuzzle.com allows embedding of open-ended or multiple choice questions, audio notes, audio tracks, or comments on a video. A short tutorial is here. A demo by Dr. Isip Tan can be viewed here.	Lesson activity or HP5 on VLE as above	Substitution: Not a good substitute for patient encounters, but videos of patients may be annotated with questions or teacher's notes. For skills, may ask students to identify what is done incorrectly in video.

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Bloom's Taxonomy Level: *Apply/AnalyzeEvaluate*				
Laboratory session	Online lab simulation portals are available. Easily found by Google search	EdPuzzle as above. You can look for lab session videos on YouTube.	Lesson activity or HP5 on VLE as above	Substitution: Not a good substitute but we must make do.
Bloom's Taxonomy Level: *Create*				
Assignment	Email assignment or upload to a team Google drive. Find out how to set up a team drive here. A single Google document (which can be annotated by everyone) where students submit their assignments via links can also be used. Check how here.	You can use Google classroom to give assignments (tutorial here). There is an Assignment activity in VLE too. Teachers can annotate and grade if pdf submissions. Find out how here. Have students collaborate to create a Wiki in the VLE. Here's how. Students can also create a Database in the VLE. Tutorial video here.	Group output can be facilitated by using Slack. The teacher can be on the Slack channel with the students to monitor their progress. Here are some tips on how to use Slack for higher education.	Redefinition: Medium (blogging platform) can be used to post students' portfolios. More details here. Click here for an example of a course that runs just on Medium. Students can post links to their online portfolios on social media.

* Kung lumagpas sa scale at napunta na sa PoTech o LinTech, mag-email na kay Dr. Isip Tan sa icisiptan@up.edu.ph.
** *SAMR Model*
Substitution: Ang simpleng kape na tinimpla sa bahay ay pinalitan ng black coffee sa Starbucks. Kape lang din!
Augmentation: Coffee latte na sa Starbucks (nadagdagan ng gatas, at minsan may coffee art pa). Napalitan ng format at may konting nadagdag, pero kape pa rin.
Modification: Upgraded na ang order mo sa Starbucks kasi iced caramel macchiato na. Hirap nang gayahin ang timpla sa bahay, pero puwedeng bumili ng syrup at whipped cream.
Redefinition: Pumpkin spice latte na ang order mo sa Starbucks. Starbucks lang ang makakagawa nito, at hindi na kayang gayahin sa bahay.