MITOCW | 4. Tell us about your pedagogical methods: How do you go about teaching the course?

PROFESSOR: I mean, we've only got about 20 hours of class time, so I definitely can't do a good, rigorous job explaining all of the science behind how speakers work and how to design them. And so, unfortunately, it's got to be a little bit like an MIT class, where, you know, they teach very quickly, go over a lot of things, and you can't-- you definitely can't get a deep understanding. So what I do is I try and put hooks in everywhere for the students to ask questions or go learn on their own.

So for example, I'll tell the students that I'm turning a knob on the receiver, having them close their eyes, play music-- and instead of turning a knob, I'll actually physically rotate the speakers, and that changes the way that they sound. So that's basically a way for the students to connect, in their heads, that the things that you can adjust electronically, that affect the way the system sounds, are very similar to physical things like off axis response of the drivers. And so, you know, I guess, that's just one of the ways you can connect the theory into the real world, and having this many chances for that, I think, is a good thing.