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**Electrical & Computer Engineering**

## **Video Observations to Bolster Inclusive Teaching**

### **The Challenge**

I collaborated with Lisa Martinez, Christina H. Paguyo, and Valentina Iturbe-LaGrave on an IRISE research grant to strengthen my inclusive teaching practices in an Engineering Electromagnetics course.

### **The Approach**

First, I met with Valentina and Christina to learn about the inclusive teaching framework (developed by Frank Tuitt) and to share my perspectives about my pedagogical practices.

Second, Valentina and Christina video recorded approximately 50 minutes of me teaching the Engineering Electromagnetics course. Immediately following the class, we met so I could review excerpts of the video recording and talk through any comments, concerns, and questions that emerged from watching myself. At the end of the meeting, I identified pivots I wanted to make to my teaching. Afterwards, Valentina sent a packet of resources to learn more about inclusive teaching.

Third, we met again for another video recording and consultation. During this time, I reflected on pivots I made between the first and the second video observations to create an inclusive classroom environment.

## How it Went

I learned that even though I teach engineering, I can actually infuse inclusion in the course in lots of different ways. For example, inclusion can occur depending upon how I form teams (to make the most of the intellectual and identity diversity in the classroom), how I position students as experts on the engineering cultural practices from their hometowns, and how I create space for student voices to be heard.

## Advice for Others

I recommend that others collaborate with Valentina and Christina on the video observations for improving inclusive teaching practices!



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