



## Physics Best Practices Sharing Session

August 27, 2020

### Attendees:

1. Dr. Nathalie Dames, TCSG
2. John Stout Chattahoochee Tech
3. Nikki Stubbs, TCSG
4. Kelly Rhoades; North GA Technical
5. Sarina Etheridge- Columbus Technical
6. David Brown
7. Jody Brookshire (Gwinnett Technical College)
8. Dale Burgess, Georgia Piedmont Technical College
9. LeAnne Robinson, Dean at Ogeechee Technical College

### Points of Discussion:

The purpose of this meeting was to address the needs of the physics faculty as they face offering courses in a virtual format for the Fall 2020 Semester.

### Discussion Notes:

- John addressed the issues of keeping students 6 feet apart and decided to stagger when to have students to come to the lab. Due to limited lab setup he decided to have students to come to lab on different days. 4 groups of 6 students. Rotate them every 4 weeks and have them to complete two labs when they come.
- Columbus Tech is continuing to have online lectures and labs for the fall term. They are using explore learning gizmos. <https://www.explorelearning.com/> The physics material is geared towards AP Physics which aligns with about 95% of what they do in lab. They will not do in person labs until the spring.
- Sarina provided an OER physics 1111 course that is now available via GVTC. <https://gvtc.tcsg.edu/oer/> <https://gvtc.tcsg.edu/opentech>
- Sarina has offered 1110 and 1112 courses for use as well. The PHYS 1112 lectures are normally 2 hours for each lecture. For this semester, we're doing all online but they will meet in small groups each week to go over any misunderstandings
- The Colorado site <https://phet.colorado.edu/> has updated their simulations. You can now complete the simulations within the web browser.
- Jody added that their lecture for the PHYS 1112 course is broken into 2 per week (MW) @ 1:25, 1.5 hours each. The lectures are recorded via Blackboard Ultra Collaborate.
- Gwinnett Technical College halted online labs this semester (fall) and went back to in-class labs (groups of 9).
- Ogeechee Technical College has online labs for this semester.
- Dr. Dames reminded everyone to save what they are doing and the resources they have found/created for future use. Also continue to use the list serve for additional help or guidance.
- Dr. Dames also posed a question about the Lockdown Browser and any known issues with accessibility to Nikki Stubbs. Later Nikki reported that it looks like it should work. For additional guidance visit [ls Lockdown Browser accessible to those with disabilities?](#)
- Another issue with lockdown browser and the ability to work with Chromebooks, were discussed. The Chromebook issue was recently discovered and GVTC is looking into a solution.