

Innovation Proposal
CTE Collaborative Lab Learning

- **What is the opportunity (or problem) that you observe and would like to address?**
 - Teachers and students in lab based skills CTE classrooms/labs are unable to interact with other students learning the same skills in other schools as well as industry professionals in real time to collaborate learning objectives.
- **How you will address the opportunity or solve this problem?**
 - Alief ISD invested in ClearTouch devices for my campus in every classroom as well as an additional 21 mobile ClearTouch devices. The entire district is adding the devices to all campuses as well. These devices are enabled with a webcam that will be linked to the teacher's district Zoom account to conduct collaborative hands-on training and learning in the lab environments.
- **What you are proposing to do?**
 - I will assist teachers with connecting with other classes and industry professionals as well as what lessons are the best to showcase for collaboration. In addition, I will assist in helping to set-up the video conferencing meetings for maximum security, make sure the session is set-up to record and help the teachers with setting up an extension activity with the recording to be added to our LMS Schoology after the lesson has occurred.
- **What are the benefits of this recommended solution?**
 - With hands-on real time collaboration, students will be able to learn from their peers and industry leaders. They will be able to ask questions of others they wouldn't have otherwise been in a room with while performing future on the job skills and they will be able to activate Bloom's higher order thinking.
- **What are you asking for?**
 - I am asking for teachers to connect with classrooms and industry professionals that they work with currently to see who would be interested in collaborating. I am also asking that teachers get signed permission slips from all students to be filmed since we will have them on both video conferencing and recordings regularly so we cover our bases on legalities. I am also asking that teachers commit to trying this at least once a week and be consistent so it can become a habit in the classrooms.