



INSTRUCTIONAL FACULTY CONSORTIUM COMMITTEE (IFCC)

DIESEL EQUIPMENT TECHNOLOGY MEETING MINUTES

Date: Tuesday, February 06, 2024

Time: 10:00 am

Location: Southern Crescent Butts County Center, Jackson, GA

Meeting Facilitator: Charles Dawson, Athens Tech

Recorder: John Stallings, Gwinnett Tech

Attendees: Ed Boronkas and John Balsler, SCTC; John Stallings, GTC; Evan Dover and Travis Colasurd, CTC; Willie Walker, Albany; Lance Teele, CGTC; Joey Amerson, SETC; Charles Dawson, Nathan Major, and Daniel Siles, Athens; Brent Redfern, Clarke Baker, and Jeff Wyatt, OFTC; Lon Phillips, LTC; Salvador Gonzalez, GNTC; and Steve Conway, TCSG.

WELCOME AND CALL TO ORDER:

As Charles Dawson was running late, Steve Conway convened the meeting at 10 am, passed around a sign in sheet, and asked everyone to introduce themselves to the others in the room. The agenda and schedule were reviewed and Steve thanked the Southern Crescent folks for hosting the meeting.

DISCUSSION:

The first topic of discussion was a recap of the EV listening sessions from the fall. About 6 attendees had been to one of the sessions. General comments made were that the EV infrastructure installations around the state would be a big thing for the immediate future. The actual adoption and permeation of EVs would likely be low for the foreseeable future. Hybrid power trains seem to have more promise. In general the group did not perceive an immediate change in training on the heavy truck or equipment field at present, though adding some hybrid/EV safety standards would be appropriate. The group then moved on to various training options. It appears that any hybrid/EV OEM training might be difficult to access at present as very few OEMs offer this training to instructors. That essentially leaves the aftermarket companies as options and they are only offering light vehicle trainings at present. The group did agree that the general concepts of light EV vehicle systems would likely have crossover to the heavy truck side of things though. Steve stated that currently the ASE Education Foundation has xEV safety training available through on line means and at a very affordable price. This generic training credential would be a very simple start for any diesel or auto tech instructor to pursue in the near future and certainly requisite before doing any actual training on these systems with students. There followed a brief discussion of EV lab costs and equipment listings. Central GA stated that they had recently put a proposal together for doing the light vehicle EV training and that it was coming out to about \$1M. General PPE

and other safety tooling was far less but equipping and actual EV lab is expensive. Steve stated that he would share the equipment listing and proposed costs for an EV accelerator lab the system was working on with the legislature this session. These accelerator proposals would equip 10 bays so cost could be divided easily based on how much space a school wanted to allot. The group then moved on to talk about ASE standards updates. Steve stated that the 2023 Heavy Truck task listings had been updated and made official last summer. In general the main types of additions to the tasks related to ADAS systems particularly in the cab and there had recently been about 10 EV system safety related tasks released that the group agreed should be added to the intro course soon. Before adjourning the group discussed the need for any new course or programs in the diesel area but none were on the horizon. Some schools had added heavy equipment operation simulators but these were being used for high school students for the most part.

CONCLUSION AND ACTION ITEMS:

The executive board members agreed to have a meeting in the next few weeks to look at the updated ASE task lists and determine any needed course edits for the coming fall term. Charles and Steve would plan that meeting by next week. Several members also agreed to look for training opportunities with vendors or OEMs by the summer and would report back on the list serve.

Meeting Adjourned: The group adjourned at 12:30 pm

Minutes Submitted By: John Stallings, GTC