

Clean Energy Technology & Entrepreneurship
Advisory Committee Meeting
Shoreline Community College
1000 Building, Boardroom #1020 & Zoom
10:30am-12:00pm
6/9/2023

In Attendance:

Lindsey Virdeh (Shoreline Instructor and Faculty Lead)
Alisha Turpin (Artisan Electric and Instructor for Shoreline Solar classes)
Monica Brummer (Pacific NW Center of Excellence for Clean Energy at Centralia College)
Uzma Siddiqi (Seattle City Light)
Brian Young (Washington State Department of Commerce)
Kelly Griffin (Shoreline Staff - Notetaker)

Guest:

Larry Price (Instructor for Shoreline OSHA classes)

Lindsey welcomed everybody, facilitated introductions and reiterated the call for a Committee Chair from industry. Approval of minutes from 3/10/2023 was tabled for the fall meeting. She mentioned that Guy will be stepping out of STEM dean role to return to teaching.

Larry Price who teaches the Safety and OSHA 10 course (MFGT 245) explained how he teaches the class and Lindsey said it will now be cross listed as NRG 245 from a previous meeting recommendation for more safety education. It is offered spring and fall as a one credit class. Lindsey will move it forward as a class to be offered within the Clean Energy Program.

As far as CET program updates, Lindsey expressed concern about low enrollment. Good news is there are a couple of graduates anticipated and another student is on the fast track to get a certificate. Efforts have been made to increase enrollment by visits to high schools and Amazon. She's excited about meetings she has had with Gus Williams (at Clean Tech Alliance) about the Good Jobs Challenge related to training 5000 and hiring 3000 workers within industry. Shoreline would like to hire a Navigator to help.

Internships and/or work experience for students are needed for Shoreline students. There was discussion about reaching out to companies (from a list Monica has), and also WorkSource or other re-training programs. Other updates: Lindsey will attend the Hi-Tec Conference in Georgia this summer; anticipated discussion about prep for another NSF grant for an October 2024 submittal (ideas from committee welcome); and class information - Removing NRG 110 from Winter 2024 as material can be received through other classes in the program. NRG 202, Career Seminar, is being developed and will be added in Winter 2024 – panelists from the committee needed; and Lindsey will be updating the articulation agreement with South Seattle College.

Program Learning Outcomes were successfully reduced to five incomes – Lindsey expressed gratitude to the committee for all of the input that helped this happen.

Program Outcome Assessment Reports (POARs) are being finalized for NRG 180, 200, and 220.

Brainstorming and discussion about plans for next year included DOE funding for series of classes that teach code compliance; NSF grant ideas (energy modeling and the integration of solar PV, energy storage, EV chargers, and possibility of intro to electricity basics); SEI curriculum for NRG 120, 220; Monica mentioned CEWD.org brochures as possible handouts at high school meetings; Monica to touch base with Gus as related to moving forward on Navigator options; Basics class to include math preparation for Solar classes; and information about visiting the idea of 3-series class (on energy code fundamentals, energy code inspections, and a practicum).

IDEAS for NSF grant and partnerships included curriculum thoughts on energy storage (how the systems operate and what's required); EV chargers and mentoring ideas on energy modeling and integration; encouraging students to pursue jobs as energy analysts and energy modelers; awareness to companies and types of jobs they are bringing into the area related to energy; state initiatives; and battery technology. Send additional ideas on NSF grant or partnerships to Lindsey.

In closing, Lindsey thanked everybody and said next steps will be targeted outreach to different companies to get more people on the advisory committee; find a Chair; and continue to work on increasing enrollment. The next meeting anticipated for October.

Meeting adjourned at 11:30am.