

**Clean Energy Technology & Entrepreneurship
Advisory Committee Meeting Minutes
Shoreline Community College
1000 Building, Boardroom 1010 and Zoom
10:30am–12:00pm
12/9/2022**

Lindsey Virdeh (Shoreline Instructor and Faculty Lead)
Gus Williams (Clean Tech Alliance WF)
Monica Brummer (Center of Excellence for Clean Energy housed at Centralia College)
Alisha Turpin (Artisan Electric and Shoreline Instructor)
Krishnan Gowri (Intertek and Shoreline Instructor)
Reeves Clippard (A&R Solar)
Scott Tuttle (Shoreline Instructor)
Lauren Hadley (Shoreline Staff)
Dalila Paredes (Shoreline Staff)
Guy Hamilton (Shoreline Staff)
Uzma Siddiqi (Seattle City Light)
Kelly Griffin (Shoreline Staff – Notetaker)

Guy and Lindsey welcomed everybody and mentioned that a Committee Chair is needed. Reeves has previously chaired and said it was a rewarding and positive experience with light responsibility of facilitating the meeting and helping with the agenda.

The May 13, 2022, meeting minutes were approved.

Lindsey gave an update about winter and spring class offerings and introduced Scott Tuttle, the new instructor who will be teaching NRG 180. There are a lot of offerings for winter quarter – 102, 104, 110, and 181. Spring quarter offerings will be 101, 162, 180, and 200. As of a month ago, enrollment was low. Administrators are keeping an eye on it. Currently about 8-12 students are on track to finish a certificate or degree.

Things are on track to begin offering an Amazon certificate winter quarter. However, the interest is currently low. In October Lindsey did a 1-hour presentation but it was during a week that included an “Amazon Prime Day” so she might do the presentation again. It was recorded and will hopefully be presented to re-train Amazon Associates (delivery drivers or warehouse workers) who are interested in new careers. The college has developed a 5-course (plus 2 electives) certificate to help them move toward solar design skills.

Guy said there are some funds available for equipment purchases and asked for suggestions. There was some discussion. Additional suggestions are due by 12/14/22 to place orders in order to comply with delivery requirements for fiscal year end, 6/30/23.

Lindsey talked about the idea of bringing back the Career Development Seminar. She and Rachel Rawle (Biotechnology) are discussing the possibility. Another idea for the program is to possibly bring back the Electricity class Ryan Bradt previously taught.

Guy and Lindsey facilitated a discussion about a 5-year Program Review (see slide #7 of the PowerPoint presentation about findings of the consultant Matthew Mitchell (full report available). Some of the items discussed: improve recruiting, marketing, and general awareness (i.e., pipeline to new students

from high school, dual enrollment opportunities, articulation agreements, other partnerships, Washington Alliance for Better Schools, interactive solar module, etc.); provide strong career guidance (aligning program to specific jobs); provide work-based learning opportunities (internships, mentorships, or job shadowing; reverse job fair); hands-on learning resources; and defining a market niche.

Guy asked, of all listed, what is the highest priority in terms of enrollment – to serve more students?
Discussion included:

- High schools – younger demographic (perhaps more likely to enroll than those of the career switch demographic at this time).
- Utilize Career Connect Washington funding that opens March 2023 – need to establish entry pathway.
- Utilize opportunity youth (ages 16-26): WABS has access to 13,000 students.
- Be strategic in going after available funding so students are aware of funding opportunities in programs.
- Changes in legislation related to electrician training – we might see people changing careers.
- More to learning than just a license – spin off opportunities.
- Tours to help with curriculum and hands on activity building up of skills.
- Contextualizing math to remove barriers.

In the next portion of the meeting Lindsey and Guy went over information affecting the entire college in assessing Program Learning Outcomes – it supports student learning; provides essential understanding of obligations gaps; has been an accreditation recommendation since 2012; and the results inform planning and resource allocation to courses and programs.

Lindsey has started the process and asked the committee for feedback on outcomes 1, 3, 5, 6, 7 of the spreadsheet she emailed out, keeping a few questions in mind.

- How do we assess all program outcomes in 3-4 years?
- Review outcomes: Are the outcomes still relevant to the industry? Are there redundancies (can we reduce the number of outcomes)?
- The goal is to assess all program outcomes in 3-4 years. What classes can be used to assess more than one outcome?

There was lively discussion about safety, OSHA, possibility of two roles of the manufacturing OSHA class, industry that currently includes OSHA, applying math, professional business communications, and possible word adjustments to #1 and #10. Lindsey will be working on #8 this year and pick 2-3 more outcomes to assess, figure out which classes instructors will assess them in, and send out some information after the meeting.

Lindsey introduced the new STEM/WF Associate Dean, Dalila Paredes. She gave a quick greeting and expressed gratitude for the contributions of the committee for their experience and expertise in the conversation. Guy thanked everybody for all of their great input and Lindsey said there will be two more meetings before summer break. Lindsey will send out meeting requests for a late February or early March meeting and another for May.

Adjournment: 12:01pm