

DIESEL TECHNOLOGY ADVISORY COMMITTEE MINUTES
October 27, 2021 at 5:00pm
Zoom

I. **CALL TO ORDER:** Tamra Gilchrist called to order the regular Fall 2021 meeting of the Diesel Advisory Committee at 5:09 pm on 10/27/21 via Zoom. Tamra led the meeting as the chairperson position was vacant and to be addressed by nomination and vote during the current meeting.

II. **ATTENDANCE:**

Industry

Phil Martin - Foster Farms

Eri Thwaites - Tribeca Transport

Terry Craig - Excavated Rental Services

Education

Veronica De Jesus - LCC Employment Navigator

Tamra Gilchrist - LCC Dean of Instruction

Jim Dillenger - LCC Diesel Instructor

Barry Walter - LCC Diesel Instructor

Jennie Bergman - LCC Workforce Education Manager

III. **CONSENT CALENDAR:**

a. **APPROVALS K12**

CTE Course: Diesel Mechanic and Repair Framework Approval(CIP: 470605)
[Framework, KSD - Skilled/Technical Diesel Tech New Course](#)

New High School Course: [Diesel Technology Class](#)

This class will be offered on the LCC campus for high school Juniors and Seniors in partnership with Kelso High School (KHS). No high school in our area, besides the Cascadia Tech Academy offers a diesel technology program. The course is open to all area (Cowlitz/Wahkiakum) high school students through KHS.

The CCSC Diesel 20-21 Framework document was shared

This document identifies a general framework for learning outcomes and requirements for the course and what could be studied in this course. It is a generalized framework that can be used to customize courses.

[Diesel Technology High School CTE class](#): This document is a description of the customized course that will be offered at LCC based on the generalized framework. The Diesel Tech class is a single high school class located at LCC that will run during the high school year, Monday-Friday, 7:15am-8:15am. Students will provide their transportation. There is an application process for the class and school districts and LCC will help to identify students for the class. Parents and students will be invited to an orientation to get more information.

The class will take outcomes from the current LCC two-year program and offer an overview of what they would learn if they graduated from the LCC two-year diesel program. Students will also be introduced to the Truck Driving Simulator allowing them to find out what it is like to drive a truck and get a CDL in the future. This [Diesel Technology High School CTE class](#) document is a quick overview of the objectives for the hands-on learning class.

By partnering with high school programs, we draw high school students to the LCC campus and expose those who don't feel like they are college-bound to our campus and what they will learn if they graduate from a two-year industrial college program. It can jump-start their future careers in the industry.

Students will earn both high school CTE credits and 5 college credits (must have a B or better). For now, this is an intro course. In the future, we may be able to provide more credits. The class will be offered starting Fall Quarter of 2022/23 after approvals have been made by the Kelso School Board.

LCC/KHS is also offering an Industrial Trade Foundation class. LCC will have two classes under this model. This model has not been offered in WA State and the state is watching to see if this can be replicated elsewhere.

Eric - Likes the outline and getting students interested in the industry and also incorporating life skills into the objectives. This will give skills to students coming right out of school. Labor and Statistics: 67,000 mechanics will need to be hired by 2022 to replace those who are retiring and 75,000 needed to accommodate potential growth. There is a need.

Approval:

Motion to approve the CTE Course: Diesel Mechanic and Repair Framework as presented (CIP: 470605) - Eric Thwaites

2nd - Terry Craig

Motion Approved

IV. INDUSTRY UPDATES

Eric - There is an increase in the need for mechanics and drivers. The wages have increased over the past two years. Eric has started to educate employees on the benefits of having health insurance and other benefits alongside wages. Some are more concerned with the money and not the benefits.

Terry - Seeing the same need to hire. Terry is in charge of 10 stores and he could use 1 to 3 technicians in each store. Same with trucking. No one is applying for a truck driving position. The large bonuses and full benefits aren't drawing people in. We need to get back to work but no one is interested. We need to figure out what we have to do to get

people interested in industrial businesses. The LCC/KSH class is a start. This will show students what the industry is and that there are huge opportunities to make a good living. We need to do everything that we can.

Phil - He is seeing the same issues as already mentioned.

Tamra - LCC is taking steps to improve program's web presence by sharing wages and labor market information online for students and potential students. We also plan on providing links to industry partner information and show partner logos that will identify who supports our program. Jennie will be working on this in the future and will reach out to you for information.

Employers are also able to come into the high school class or college classes to talk about the industry. Contact Jim and/or Barry to schedule class time.

V. EDUCATION UPDATES

a. CTE Faculty and Course Review

i. K12 CTE CONDITIONAL CERTIFICATION

1. Jim Dillinger, Kelso High School - approved at General Adv. Com.
2. Barry Walther, Kelso High School - approved at General Adv. Com.

ii. Labor Market Review

Shared KHS document - included labor market review: [KSD - Skilled/Technical Diesel Tech New Course](#)

b. Curriculum:

i. Cooperative Education/Internships/CDL

This is an opportunity for college students, in their second year of the program, to get on-the-job training through the cooperative education program while earning college credit. The Workforce Education Manager, Jennie, will work with each employer, identify students along with instructors, facilitate the completion of required paperwork, and sign up the student for college credit. The instructor and site supervisor will create learning objectives with the student and complete two evaluations of the student's process. The employer does have the option to pay the student for their hours worked, but it is not required. LCC covers all of the L&I costs.

The Diesel program will have 4 credits allotted to Cooperative Education to start with. These credits will be part of the 10-credit elective requirement. 1 credit = 33 hours on-site with the employer. We are looking into taking some of the student's lab time and having them go out to the training sites to get hands-on experience.

This opportunity will give students a chance to get hands-on experience and employers will get a chance to look at students for the potential to move right into permanent employment after graduation.

Part of the Cooperative Education program will also cover the requirement for students to complete a resume, cover letter, and mock interviews in a portfolio seminar course.

LCC Diesel Degree has 10 credits of electives. Promoting students into one of the tracks that equal 10 credits:

- 1 - CDL Course
- 2 - Cooperative Education for College Credit

Formally the Cooperative Education credits will be part of the curriculum next fall. However, we will be sending students out now if they are ready. We can look into if the student has elective credits available and would benefit from Coop Ed.

Eric can do a test run for Cooperative Education. He would like to talk about it more and do a dry run.

ii. Welding processes for Diesel students and future program direction:

Jim - 105 welding course: covered a little of everything. The Welding Department wants to put more focus on wire feed welding. We have requested that we still keep a stick component in the course and that wire feed welding is not something we see out in the field.

The welding program is more than willing to create a course that matches the needs of the Diesel program. What do you see as the need?

Eric - We use both stick and plasma cutters. When we hire, we look for basic knowledge and then we teach additional skills to take them to the next level.

Terry - Stick welding is what they use in the field. How to use the torch and stick welding in the field is what you need to know. That is the fundamentals for diesel. Stick welding and oxy-settling fundamentals are important. This is day-to-day stuff that you need to know.

It is recommended that for the Auto/Diesel Program, we need to keep the custom welding course.

Veronica's Role: Employment Navigator

To focus on connecting students to meaningful employment during or after college, by building a relationship with both the students and employers in our community and surrounding areas. Ultimately the role is to be a bridge between both parties by identifying their needs and ensuring both sides are being heard in regards to qualifications, skills, knowledge, etc..

On the students' side, Veronica helps students be better prepared whether that be gaining additional training, knowledge, skills, modifying their documents, and so forth. She wants to give them some confidence to be more comfortable going into employment

Veronica is reaching out to employers to see what you are looking for and what your needs are in the candidates.

Veronica has found that a lot of students are nervous about attending college for various reasons. Many do not want to spend 4-6 years and receive a degree that will not pay. The length of this program and the ability to get into employment opportunities with great pay, benefits, and opportunities for growth is a great carrot to get out there to potential students.

VI. OLD BUSINESS: NA

VII. NEW BUSINESS: Elect new program chair

Bryce has had to step down due to the expansion of his business.

Eric volunteered: No other nominations were brought forward

Move to Nominate Eric as the Chairperson- Terry

Approved

VIII. UPCOMING PROGRAM OR COMMUNITY EVENTS: None at this time

IX. NEXT MEETING (DATE/TIME/PLACE): TBD

X. Adjourned 6:07pm

XI. RESOURCES

a. **ADVISORY COMMITTEE HANDBOOK**

b. [LCC: Professional-Technical Advisory Committees Meeting Minutes](#)

c. [The Carl D. Perkins Vocational and Technical Education Act, Public Law 105-332](#)

d. [College Advisory Committee Procedures](#)

e. [K12 CTE Advisory Committee Procedures](#)

f. **Terms:**

- i. **V-Code:** Vocational (V) Code. This is tied to the certification code and dictates the K12 courses that a teacher is certified to teach. The teachers' education or industry experience is reviewed to determine the V-codes for certification.
- ii. **CIP Code:** Classification of Instructional Programs (CIP) Code. A federally accepted course and program code that identifies courses taught throughout the United States includes CTE courses. CIP codes are aligned to V-codes that clarify which courses the teacher has been certified to teach in K12. CIP codes are also used for reporting purposes from the district to OSPI and college to the SBCTC.

PREPARED BY: Jennie Bergman

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