

# Career Launch Endorsement Review (CLER) Application

## Diesel Program



INSTITUTION \_\_\_\_\_ Skagit Valley College \_\_\_\_\_

PROPOSED PROGRAM \_\_\_\_\_ Diesel Power Technology \_\_\_\_\_

PROGRAM CIP\_\_47.0605\_\_\_\_\_ PROGRAM EPC (Legacy) \_\_775\_\_\_\_\_ PLAN CODE  
(PeopleSoft)\_\_\_\_\_

NAICS Code\_\_811111\_\_\_\_\_

Please note: **Registered Apprenticeship programs become automatically endorsed for Career Launch.**  
You need not submit an application.

CONTACT INFORMATION

Darren Greeno

Name: \_\_\_\_\_

Executive Dean for Instruction

Title: \_\_\_\_\_

2405 E. College Way, Mount Vernon, WA

Address: \_\_\_\_\_

360-416-7729

Fax: \_\_\_\_\_

Darren.greeno@skagit.edu

Email: \_\_\_\_\_



\_\_\_\_\_  
Chief Academic Officer

\_\_\_\_\_  
Date

Application contact:

Scott A. Copeland  
Associate Director, College Relations and Policy Guidance  
Education Division  
Washington State Board for Community and Technical Colleges  
Office: 360-704-4397  
Cell: 360-791-6026

*Applications reviewed monthly and are due the first business day of the month.*

Electronic submissions only to [scopeland@sbctc.edu](mailto:scopeland@sbctc.edu)

## Introduction

The Career Launch Program Endorsement recognizes high-quality career connected learning opportunities addressing persistent educational opportunity gaps, meeting the talent needs of employers and leading to academic learning and building awareness of, exposure to, and preparation for career opportunities.

## Application Materials

This abbreviated application is designed to assist the Career Launch application process for adding similar fields of study previously endorsed.

Please note the following:

- Respond completely to the following three (3) checklist requirements in your submission packet.
- Include letter(s) of endorsement and letter(s) of employer partners.
- Submit your completed application to Scott Copeland at [scopeland@sbctc.edu](mailto:scopeland@sbctc.edu).

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## Program and Industry-Related Checklist

P1. Program description including length of program in years and total hours (including split between classroom and worksite). Include program plan/degree planner.

Program Description: The Diesel Power Technology (DSL) program is designed to prepare students for employment in an exciting and growing field. Diagnosis and repair of heavy trucks, industrial and agricultural machinery, transit, marine, and generator power sets are but a few of the career pathways graduates can take upon concluding the program. This efficient energy source is widely used and provides jobs for those who enjoy working on heavy-duty equipment and the challenges of troubleshooting and diagnosing the ever-increasing use of electronic controls in the diesel industry.

Since many of today's systems are electronically controlled, the demand for trained technicians is greater than ever. Employers want employees who can understand a system and troubleshoot a problem logically. The Diesel Power Technology program provides training to fill that critical void.

The six-quarter Diesel Power Technology program combines classroom theory with hands-on experience in a well-equipped diesel shop, where students have the opportunity to work on modern diesel engines as well as a variety of drive train components. Electronic diagnostics are emphasized throughout the course, not only with engines but also components such as transmissions and ABS brakes. A modern computer lab also prepares students to retrieve repair information electronically, a skill which is becoming mandatory in today's workforce.

Length of Program(s) and Total Hours: The Associate of Applied Science degree in Diesel Power Technology is 2 years at 90 credits.

	Credits	Lecture	Lab	Clock Hours
<b>Associate of Applied Science (AAS) Diesel Power Technology</b>	<b>97</b>	<b>583</b>	<b>968</b>	<b>1551</b>

## Program Plan

First Year

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Fall Quarter

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- **DSL 101 - Diesel Electrical Theory Credits: (4)**
- **DSL 102 - Diesel Drivetrains I Credits: (8)**
- **~ CSS 103 - First Quarter Experience Credits: (2)**

Total Credits: 14

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Winter Quarter

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- **DSL 103 - Diesel Drivetrains II Credits: (13)**
- **† ENGL& 101 - English Composition I Credits: (5)**

Total Credits: 18

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Spring Quarter

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- **DSL 104 - Diesel Drivetrains III Credits: (13)**
- **† WMATH 100 - Professional Technical Applied Math Credits: (5)**

Total Credits: 18

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Second Year

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Fall Quarter

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- **DSL 201 - Diesel Applied Electrical Credits: (4)**
- **DSL 202 - Diesel Engines I Credits: (8)**
- **CMST 125 - Professional Communication: D Credits: (3)**
- **or CMST& 210 - Interpersonal Communication: D (5)**

Total Credits: 15

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Winter Quarter

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- **DSL 203 - Diesel Engines II Credits: (13)**
- **PE 200 - First Aid, Safety, and CPR Credits: (2)**
- or **PE 205 - Basic First Aid (1)**
- **WT 131 - Shielded Metal Arc Welding for Beginners Credits: (2)**

Total Credits: 17

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Spring Quarter

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- ‡ **DSL 199 - Diesel Cooperative Education Credits: (1-15) (1)**
- **DSL 204 - Diesel Engines III Credits: (13)**
- **WT 133 - Oxy-Fuel Processes for Beginners Credits: (2)**

Total Credits: 16

I-R1. Address of worksite(s) where Career Launch students will complete supervised training

**Employer**

*Birch Equipment Rentals*

*Farmer's Equipment*

*Freightliner Northwest*

**Address**

*1619 Kentucky Street, Bellingham, WA 98229*

*17893 State Route 20, Burlington, WA 98233*

*524 Jacks Lane, Mount Vernon, WA 98273*

I-R2. Hourly wage of Career Launch participants

*Hourly wage for participants ranges from \$18-\$24 depending on employer.*

End of Application



May 2021

Re: Skagit Valley College Career Launch Endorsement Application

To the Career Launch Endorsement Review Committee,

Freightliner Northwest would like to offer this letter of support and partnership in the Skagit Valley College Diesel Power Technology program for Career Launch Endorsement. We are new to working with SVC and have recently begun participating in their Technical Advisory Committee. We look forward to this new partnership with Skagit Valley College in supporting successful students and graduates in the diesel trades.

Freightliner Northwest offers truck sales, service, and parts throughout Washington, Oregon, and Idaho with a location in Mount Vernon, WA. Besides being the premier destination for truck sales, we provide diagnosis of technical issues, supply accurate estimates of repair costs, and quality work by factory certified technicians on heavy trucks, RVs, buses, coaches, and trailers of all makes and models.

We are excited to work with the program and committed to employing interns in their last quarter. As a partner with Skagit Valley College, Freightliner Northwest is committed to providing:

- Continued Technical Advisory representation
- Student internship experience
- Graduate interviews and potential employment

Freightliner Northwest will accept students participating in the Cooperative Education internships during their program and is willing to interview and potentially hire graduates from the current Diesel Power Technology program. The Cooperative Education piece is a mandatory work-based learning component which provides on-the-job paid experience. Supervisors and students will outline specific goals that must be met by the end of the internship and through hands-on work experience complete these objectives. Students will earn both college credit and work experience under the guidance of experienced industry workers who provide mentorship and supervision. We will work closely with SVC to ensure that students are trained and adhere to federal, state, and local regulations covering the work and the workplace.

We value Skagit Valley College as an educational partner and believe the Diesel Power Technology program is ideal for Career Launch Endorsement. Thank you for your consideration; please let us know if you have any questions.

Best regards,

A handwritten signature in black ink, appearing to read "Brian Nicol".

Brian Nicol  
Service Manager  
Freightliner Northwest



May 2021

Re: Skagit Valley College Diesel Power Technology Program Career Launch Endorsement

Washington State Board for Community and Technical Colleges,

Birch Equipment Rentals & Sales would like to offer this letter of endorsement for the Skagit Valley College Diesel Power Technology program for Career Launch Endorsement. We have been involved with SVC for many years working with students and participating on their TAC (Technical Advisory Committee). Our company is committed to working with highly qualified interns and has been partnered for many years with Skagit College employing their students and grads. Birch will continue to partner with Skagit Valley College to foster this program and support students and graduates.

Birch Equipment participates in work-based learning during the final quarter of the program under the MT199 Cooperative Education course. Students initiate an interest in our company, go through our interview process and those we deem qualified are hired on by our company. Students are required to provide necessary documentation before starting on the job and agree to a work schedule.

Students who participate in our work-based learning experience earn competitive wages, college credit, and valuable work experience when working side-by-side with our team of industry-leading, experienced diesel technicians who provides training, guidance and supervision. Supervisors and students outline specific goals that must be met by the end of the internship and through hands-on work experience, complete these objectives. Our lead technicians focus on making sure the students are following our industry standards and best practices they learned during the course work at SVC. We work closely with SVC to ensure that students are trained and adhere to federal, state, and local regulations covering the work and the workplace.

Being closely tied to the Diesel Power program at Skagit Valley College, we are familiar with the curriculum and rigorous standards the students meet. As demonstrated by our commitment to employ interns and our involvement on the TAC, it is clear we support this program and the quality and preparedness of the students. We are always prepared to offer graduates of the program interviews and potential employment in the diesel trade throughout our multiple locations in Washington and Alaska.

Thank you for considering Skagit Valley College's Diesel Power Technology program for Career Launch Endorsement. Please feel free to follow up if there are any remaining questions.

Best regards,

Matt Myers  
Shop Manager

Jessie Everson  
Director of Employee & Customer Programs

Sarah Rothenbuhler  
CEO/Owner

[careers@birchequipment.com](mailto:careers@birchequipment.com)

Birch Equipment Rentals  
360-734-5744



May 2020

Re: Skagit Valley College Diesel Power Technology Program Career Launch Endorsement

To the SBCTC Career Launch Endorsement Committee,

Farmer's Equipment Company is pleased to support the Skagit Valley College Career Endorsement application for the Diesel Power Technology program. The combination of rigorous, career-aligned curriculum, certified instructors preparing students for industry-standard work and on-site work-based learning is evidence that SVC's Diesel Power Technology program provides highly qualified, certified employees for in-demand positions within the Diesel Power industry.

Farmer's Equipment Company is a dealership providing Berry harvesting equipment, material handling, and construction equipment located in Northwest Washington and Lower Mainland of British Columbia. For the past 85 years we have provided the region with quality machinery, parts, and service solutions.

The Diesel Power Technology program at SVC provides comprehensive training unlike any other program in the area. We partner with the program to provide work-based learning and hire their students upon graduation for much-needed specialty positions, along with sitting on the Technical Advisory Committee.

During their last quarter, students participate in the Cooperative Education internship. This piece is a mandatory work-based learning component which provides on-the-job paid experience. Supervisors and students outline specific goals that must be met by the end of the internship and through hands-on work experience complete these objectives. Students earn comparable industry wages, college credit, and work experience under the guidance of experienced industry workers who provide mentorship and supervision. We work closely with SVC to ensure that students are trained and adhere to federal, state, and local regulations covering the work and the workplace.

We fully recommend the Diesel Power Technology program at Skagit Valley College for Career Launch Endorsement and look forward to continuing our close partnership with them into the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Darrel Reed", is written over a white rectangular area.

Darrel Reed; Service Manager 360-757-6081  
Farmer's Equipment Company  
17893 SR 20  
Burlington WA 98273