



# CHEMEKETA COMMUNITY COLLEGE DIESEL TECHNOLOGY PROGRAM APPLICATION PACKET



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*Equal Employment Opportunity or Affirmative Action should contact the Affirmative Action Officer at 503.399.2537, 4000 Lancaster Dr NE, Salem OR 97305. To request this publication in an alternative format, please call 503.399.5192.*

# Diesel Technology Program

This resource guide is provided to assist in the application process of the following program:

- 2-Year AAS Degree in Diesel Technology

All required documentation listed on the application checklist must be received by the Brooks Regional Training Center Office in Buildings 1 or 2 for the application to be considered complete.

## WHERE TO SUBMIT AN APPLICATION

By mail: Chemeketa Community College – Brooks, Attn: Kevin Ruby, PO Box 14007, Salem OR 97309

In person: 4910 Brooklake Road, Brooks Oregon 97305

Email: kevin.ruby@chemeketa.edu

## APPLICATION DEADLINE

All applications must be received by the application close date. Any application packets received late may be considered if the program has not been filled. Applications will be considered in the order they are received. Applicants who submit accurate and complete applications are qualified for admission (or alternate status if the program is full). Applicants will be placed on the Diesel Technology program admission or alternate list based on the evaluation of their application packet. Applicants should check their my.Chemeketa email daily for program communications.

Application Open Date: January 1, 2022  
Application Close Date: September 18, 2022

## DIESEL TECHNOLOGY PROGRAM PREREQUISITE

*For applicant information only. Do not submit this form with your application.*

PREREQUISITE REQUIREMENT	CRITERIA FOR FULFILLING REQUIREMENT	COMPLETED WITH "C" GRADE OR HIGHER?	FINAL GRADE
Writing	<ul style="list-style-type: none"><li>• Placement test score showing Recommended Course Placement into WR088 or higher taken in the past 2 years;</li></ul> <p style="text-align: center;"><b>-OR-</b></p> <ul style="list-style-type: none"><li>• Successful completion of WR080 with a C grade or higher taken within the past 5 years</li></ul>	YES      NO	
Reading	<ul style="list-style-type: none"><li>• Placement test score showing Recommended Course Placement into RD115 or higher taken in the past 2 years;</li></ul> <p style="text-align: center;"><b>-OR-</b></p> <ul style="list-style-type: none"><li>• Successful completion of RD090 with a C grade or higher taken within the past 5 years</li></ul>	YES      NO	
Mathematics	<ul style="list-style-type: none"><li>• Placement test score showing Recommended Course Placement into MTH052 or MTH060 or higher taken in the past 2 years;</li></ul> <p style="text-align: center;"><b>-OR-</b></p> <ul style="list-style-type: none"><li>• Successful completion of MTH020 with a C grade or higher taken within the past 5 years</li></ul>	YES      NO	

**Please note:** Chemeketa Community College reserves the right to modify the criteria and process for admission to the Diesel Technology program on an annual basis.

## **PROGRAM OUTLINE**

### **Objectives**

The diesel technician repairs and maintains diesel powered trucks and agricultural equipment and their support systems.

The program is designed to prepare students for entry-level positions in diesel service technology. Training is varied to give students a broad understanding and background in the different phases of the diesel service industry. Students may have additional cost for tools and books.

It is an industry specific two-year associate degree program with required internship hours. It is designed to prepare individuals to become qualified diesel service technicians. Students learn how to work on many types of diesel equipment including agricultural, construction, forestry, semi-truck and earth moving equipment. The Diesel Technology Program combines technical and academic education with real world experience through internships that are within the program. Students learn about engine fundamentals, machine hydraulics, fuel systems, electrical systems, transmissions, torque converters, undercarriage, final drives and more. During the internship students have the opportunity to experience a future career firsthand through on-the-job training focused area of their choice. Upon completion of the program students will earn a Diesel Technology Associate of Applied Science Degree.

### **Program Outcomes**

The student who successfully completes all Diesel Technology requirements will:

- demonstrate and use industry safety standards. (DSL101)
- demonstrate math skills using formulas to find force, pressure, area, and volume.
- use diagnostic simulators to diagnose and troubleshoot system components. (DSL 102)
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel fuel systems and transmissions and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation. (DSL202)
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose brake systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation. (DSL201)
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose powertrain systems and hydraulics systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation. (DSL103)
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel electrical systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation. (DSL203)

### **CRIMINAL BACKGROUND CHECK/DRUG TESTING**

Although this program does not require background checks or drug testing, you might want to familiarize yourself with how future employers may use these procedures. Whether you are hired or promoted for a job may depend on the information revealed in a background check. Job applicants and existing employees, as well as volunteers, may be asked to submit to background checks. For some jobs, screening is required by federal or state law. The current emphasis on security and safety has dramatically increased the number of employment background checks conducted. For more information, visit [privacyrights.org](http://privacyrights.org)

## REQUIRED TOOL AND SUPPLY LIST

Students will be given a list of required tools at their orientation along with uniform information. Tools can be very expensive as such students who are entering the program will have the ability to check out tool sets for use during labs. However, over time you will need to purchase tools. For that there are several options many of which give 50% off retail prices and have various financing options. The orientation will include program information, policies and procedures, tool requirements, and tool purchase information.

## PROGRAM COST

These costs are estimates and are subject to change without notice. Tuition, Universal Fee, Lab Fee and Textbook costs are effective as of Fall Term 2021. This is an estimate only.

Visit [chemeketa.edu/cost-aid/tuition-fees/](http://chemeketa.edu/cost-aid/tuition-fees/) for the current Tuition/Fee Rate Table.

<b>TERM 1</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,525
Tools and Uniform	\$2,000
Tuition (15 credit hours)	\$1,425
<b>TERM 2</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,525
Tuition (15 credit hours)	\$1,425
<b>TERM 3</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,556
Tuition (16 credit hours)	\$1,520
<b>TERM 4</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,525
Tuition (15 credit hours)	\$1,425
<b>TERM 5</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,585
Tuition (15 credit hours)	\$1,425
<b>TERM 6</b>	
Books/Fees (Universal Fees, Lab Fees)	\$1,525
Tuition (15 credit hours)	\$1,425
<b>Estimated total</b>	<b>\$19,826.00</b>

## APPLY TO CHEMEKETA

If you are not currently enrolled at Chemeketa, you must apply for admission at [go.chemeketa.edu/apply](http://go.chemeketa.edu/apply)

## OTHER COLLEGE TRANSCRIPTS

Applicants may submit transcripts from another college/university to be evaluated. Students must request an evaluation through Enrollment Services, and evaluations may take several months so please do so early.

## REQUIRED PROGRAM ORIENTATION

Students who accept an offer of Program Admission must attend a program orientation at the Brooks Regional Training Center. Students will be notified by my.Chemeketa email of the date, time and location of the orientation.

The orientation will include program information, policies and procedures, locker assignment, tool requirements, tool purchase information with up to 50% discount available.

## REQUIRED DOCUMENTS

Submit the following, as one complete packet, to Chemeketa Community College, Brooks Regional Training Center.

- Diesel Technician Program Application Form (last page of this packet)
- A copy of your Chemeketa Accuplacer, ASSET, or COMPASS Reading, Writing, and Mathematics Placement Test scores (print from My Chemeketa).  
*Placement scores are valid for two years. If the placement scores are over two years old from the time you submit the Diesel Technology Program Application, they are not valid, and you will need to retest for placement.*
- Photocopy of your valid driver's license (must be clear and legible)  
*Each applicant is required to have a valid driver's license before the start of the term.*
- DMV Driving Record  
Each applicant is required to submit a copy of their driving record. This can be obtained by going to any DMV office with your driver's license or by go online to [https://dmv2u.oregon.gov/eServices/\\_/](https://dmv2u.oregon.gov/eServices/_/)  
Please obtain and keep a copy of for your records, as most dealerships and independent repair shop employers will ask to see the Court Print as part of their interview process.  
  
*Applicants must be able to furnish a certified copy of their driving record showing not more than two convictions for moving violations or two chargeable accidents or any combination of two thereof in the past three years and no conviction of a moving violation which is alcohol or drug-related in the past five years. All periods are calculated from the date of the first scheduled class in the beginning term.*



# Chemeketa Community College

## Diesel Technology Program Application & Statement of Personal History

Last: \_\_\_\_\_ First: \_\_\_\_\_ Middle: \_\_\_\_\_

Physical address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

Mailing address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

Home phone: \_\_\_\_\_ Cell phone: \_\_\_\_\_

Chemeketa Email address: \_\_\_\_\_ Student K # \_\_\_\_\_

Driver's license # \_\_\_\_\_ Issuing state: \_\_\_\_\_

**INITIAL ALL**

\_\_\_\_\_ **I understand this application must be submitted as one packet, including this checklist.**

\_\_\_\_\_ **I have completed the College Admission application form online.**

If you are already a Chemeketa student, you have completed this step.  
New students can apply online at [go.chemeketa.edu/apply](http://go.chemeketa.edu/apply)

\_\_\_\_\_ **I have attached the following documents to this application form:**

- A copy of my writing, reading and math placement test scores
- A photocopy of my current Oregon driver's license
- A copy of my DMV Driving Record

**CHECK ALL**

- I have read and detached the Diesel Technology Program Application Packet and will retain it for my reference.
- I understand that an offer of admission to the Diesel Technology program for this fall is dependent on my having successfully completed all prerequisite courses with at least a "C" grade.
- I understand that if I qualify for admission, I will be placed on a Diesel Technology Program admission or alternate list based on the program review of my application packet.
- I understand that I will be notified by e-mail of my status: admitted to the program, alternate status, or not admitted.
- I have clicked on the Gmail icon at the top of the page in My Chemeketa to verify my email is active.
- I understand that if offered admission, I will attend the mandatory program orientation.
- I understand that if I do not attend the mandatory program orientation, I will not be admitted into the Diesel Technology Program.
- I understand that I must notify Enrollment Services and the Diesel Technology Program Chair of any address changes.
- I understand that all Diesel Technology students are required to have their own hand tools, program uniform and computer access.

I hereby attest that all of the documentation I have submitted with this application is accurate and authentic. I agree to release, defend, indemnify, and hold harmless, Chemeketa Community College and its agents as to any and all claims arising due to non-acceptance into the Diesel Technologies Program.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_