



Diesel Technician

Youth Apprenticeship

DIESEL TECHNICIAN

Diesel Technician youth apprentices gain skills related to the preventative maintenance and repair of diesel vehicles and equipment. Apprentices must adhere to industry safety and security standards.

Length of Apprenticeship: One or two years

OCCUPATIONAL COMPETENCIES

Diesel youth apprentices work with a job site mento to demonstrate the following competencies. Youth apprentices must complete the **EIGHT** required competencies plus **TWO** of the additional competencies during year 1. Youth apprentices complete an additional **TEN** competencies in year two. Employers can substitute up to **1** competency per year with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Required Competencies	Additional Competencies
<ol style="list-style-type: none"> 1. Operate tools and equipment safely 2. Maintain work area 3. Process work order 4. Change oil and filter 5. Assist the diagnosis of common concerns 6. Acquire vehicle/equipment parts 7. Perform electronic diagnosis of vehicle 8. Assist with preventative maintenance of Diesel Engines 	<ol style="list-style-type: none"> 1. Assist with preventative maintenance of brake systems 2. Assist with preventative maintenance of fuel systems 3. Assist with preventative maintenance of steering and suspension 4. Assist with preventative maintenance of electrical systems 5. Assist with preventative maintenance of HVAC systems 6. Assist with preventative maintenance of Hydraulics 7. Assist with preventative maintenance of Powertrain/Hydrostatic systems 8. Assist with preventative maintenance of wheels and tires 9. Assist with preventative maintenance of Drivetrain systems 10. Assist with preventative maintenance of air and exhaust systems 11. Assist with preventative maintenance of windshields 12. Assist with preventative maintenance of vehicle/equipment frame 13. Inspect interior and accessory components 14. Assist with preventative maintenance of exterior lighting systems

REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

Some of the related instruction courses can bridge into the following registered apprenticeship:

- Diesel Registered Apprenticeship

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. Following is partial list.

- Diesel and Heavy Equipment Technician
- Diesel Equipment Mechanic
- Diesel Equipment Technician