

DSL117W : Fuel and Emission Systems

Fuel and Emission Systems introduces students to the fundamentals of fuel-injection and emission-control systems for diesel engines. The course covers theory and operation, maintenance, testing, and troubleshooting techniques. Students learn about the fuel systems, their individual components, and their function. [They also learn about the](#) causes of emissions and their aftertreatment systems in current heavy-duty trucks and equipment. Laboratory work supports a hands-on approach to classroom theory. Students work individually or as teams where they apply theory and operating principles and identify the components of the fuel and emission systems.

Lecture Hours 3

Lab Hours 3 **Credits** 4