

DSL115W : Diesel Power Systems

Diesel Power Systems introduces students to the fundamentals of diesel engines. The course covers theory and operation, nomenclature, maintenance, overhaul, and troubleshooting techniques. Students learn about various secondary diesel engine systems such as exhaust, cooling, lubrication, fuel injection, and air induction. 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 diesel engine.

Lecture Hours 3

Lab Hours 3 **Credits** 4