

DIESEL MECHANIC

DURATION : 1 YEAR.

Introduction., Terminal Competencies/Deliverables, Employment opportunities, Further learning pathways, Occupational Safety & Health , Occupational Safety & Health , Hand & Power Tools, Systems of measurement, Fasteners , Cutting tools , Limits, Fits & Tolerances, Drilling machine, Sheet metal , Basic electricity, Basic electronics, Introduction to welding and Heat Treatment, Introduction to Hydraulics & Pneumatics.

Introduction to Engine, Diesel Engine Components, Valves & Valve Trains, Description and function of Crank shaft , Description and function of the fly wheel , Description of Cylinder block, Engine assembly , Need for Cooling systems, Need for lubrication system, Intake & exhaust systems , Intake system components, Exhaust system components, Diesel Fuel Systems , Marine & Stationary Engine, Emission Control , Emission Control ,

Workshop calculation and Science, Engineering Drawing.