HVR110 : Practical Applications of Electricity

This course delivers the practical applications of electricity in relation to the Heating, Ventilation, Air Conditioning (HVAC) systems & the electrical panels. Topics include basic principles of electricity, circuits, interpreting wiring diagrams, the principles of electric motors and testing, troubleshooting, servicing, maintaining and installing HVAC electrical components. Students will be focusing on alternating current circuits, proper wiring of electrical boards, the application of electrical laws to practical wiring applications and safety in the process.

Credits	4
Clock Hours	60
Lab Hours	40
Lecture Hours	20
Prerequisites	None