

## Electrical Drawing and Blueprint Reading Syllabus

<b>Module</b>	<b>Unit</b>	<b>Content / Topics</b>	<b>Learning Outcomes</b>	<b>Assessment Methods</b>
<b>Module 1: Electrical Symbols</b>	<b>Unit 1: Electrical Wiring Circuit Symbols</b>	Standard electrical symbols used in wiring diagrams: switches, lamps, outlets, breakers, conductors, earth symbols	Identify and correctly use standard electrical symbols in circuit drawings	Quiz, symbol identification worksheet
	<b>Unit 2: Drawing of an Extension Cord</b>	Components of an extension cord: plug top, socket outlet, cable, polarity, symbol representation, wiring layout	Draw and label an extension cord diagram accurately	Practical drawing exercise
	<b>Unit 3: One-Way Lighting Circuit Schematic and Wiring Diagram</b>	One-way switch operation; lamp control; schematic symbols; wiring layout	Draw schematic and wiring diagrams for one-way lighting circuits	Practical assignment, test