GOTT SERIES (CBT) – ELECTRICAL TROUBLESHOOTING TECHNIQUES

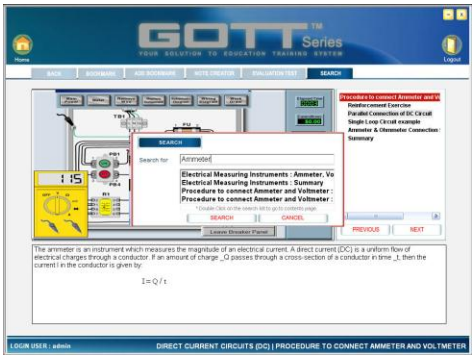
Model Number : GOTT-EE103-M09

DESCRIPTION

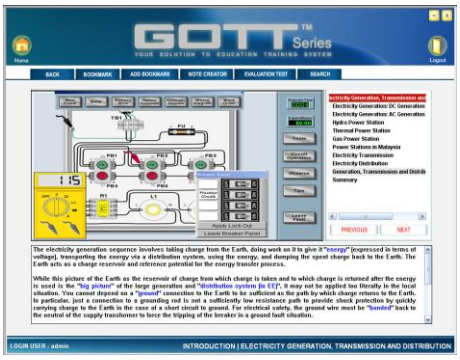
EE103 course module is about basic electrical training program which teaches a proven systematic approach to troubleshooting circuits**,** called the "**Five Step Troubleshooting Approach**". The process is explained using electrical circuit simulation, animated graphics and text. Once familiar with the troubleshooting techniques you can work through a section that guides you through this troubleshooting process on a simple lighting circuit. Here the time and dollars used to solve the fault will be measured and evaluated. The program also records all the steps performed to solve the faults for later analysis of your troubleshooting approach. In order to ease down the referencing resources in this course module; it is incorporated with some features like, Search, Book Mark, Note Creator and Vocabulary Pronunciation Assistant. Below is the list of the chapters covered in this course module with its associated sub-topics:-

GOTT SERIES :

COMPUTER BASED TRAINING SYSTEM (CBT) – ELECTRICAL TROUBLESHOOTING TECHNIQUES

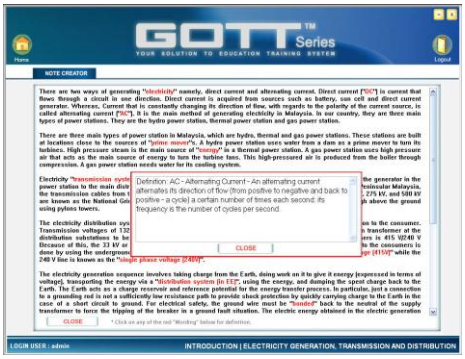


Search



Topics Content

Bookmark



Summary

GOTT SERIES (CBT) – ELECTRICAL TROUBLESHOOTING TECHNIQUES

Model Number : GOTT-EE103-M09

Below is the list of the chapters covered in this course module with its associated sub-topics:-

CHAPTERS

INTRODUCTION TO THE INTERFACE

Sub-Topics :
- Intro
- Navigation Controls
- Working through the program
- Tips for using the program
- Testing your Skill
- About the Faults
- Completing the program
- Scoring & Evaluation
- Evaluating your Repairs
- Scoring
- Feedback
- Book Marking & Reports

TROUBLESHOOTING SAFETY

Sub-Topics :
- Intro
- Troubleshooting Regulations
- Troubleshooting Hazards
- Shock Hazard
- Protecting against Shock Hazards
- Lockout / Tagout
- Flash Hazards
- Protecting against Flash Hazards
- Indentifying Shock & Flash Hazards
- Troubleshooting in the Simulator
- Monitoring Safety in the Simulator
- A Final Note

SYSTEMATIC TROUBLESHOOTING

Sub-Topics :
- Intro
- Preparation
- Step 1 – Observe
- Step 2 – Define Problem Area
- Step 3 – Identify Possible Causes
- Step 4 – Determine Most Probable Cause
- Step 5 – Test & Repair
- Follow Up

BASIC TESTING TECHNIQUES

Sub-Topics :
- Intro
- General Meter Rules
- Meter Precautions
- Testing Live vs. Dead
- Types of Faults
- Sectionalizing Circuits with Meters
- Using a Voltmeter / Ohmmeter / Ammeter
- Using Ohmmeter to find Shorts
- Using Ohmmeter to find Open

CHAPTERS

HOW THE CIRCUIT WORKS

Sub-Topics :
- Explanation on lighting system where 2 lights are controlled from 3 different pushbutton stations

TROUBLESHOOTING THE CIRCUIT

Sub-Topics :
- Intro
- Operating the Circuit
- Keeping Track of Time & Money
- Making Observations
- Accessing Tools
- Viewing Diagrams
- Turning the Main Breaker ON & OFF
- Locking Out the Main Breaker
- Disconnecting a Wire
- Reconnecting a Wire
- Taking Resistance Readings
- Taking Voltage Readings
- Removing the Fuse
- Replacing components
- Error Messages
- Getting Tips on Faults
- Pausing the Simulator
- Leaving a Fault

DEVELOP YOUR SKILL

Sub-Topics :
- Intro
- Normal Operation
- Guided Troubleshooting
- Using the Guid

TEST YOUR SKILL

Sub-Topics :
- Intro
- Begin Troubleshooting
- Additional Faults
- Instructions
- Before you Start!
- About the Faults
- Troubleshooting a Fault
- Completing a program
- Troubleshooting Rules
- A Note about Simulator Time
- Scoring & Evaluation
- Repairing a Fault
- Scoring
- Feedback

Manuals :

(1) All manuals are written in English
(2) Model Answer
(3) Teaching Manuals

General Terms :

(1) Accessories will be provided where applicable.
(2) Manual & Training will be provided where applicable.
(3) Design & specifications are subject to change without notice.
(4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
(CBT) ELECTRICAL TROUBLESHOOTING TECHNIQUES	GOTT – EE103 – M09	820-322

* Proposed design only, subject to changes without any notice.