



**ST-ELE-01
ELECTRICAL BASICS
ONE AND A HALF DAYS**

THIS CLASS INCLUDES

BASIC ELECTRICAL THEORY AND LAWS
TYPES OF CIRCUITS AND COMPONENTS
METHODS OF CONTROLLING ELECTRICAL MOTORS
WIRING OF MOTOR STARTER CIRCUITS
BASIC METERING
READING ELECTRICAL SCHEMATTICS

HANDS-ON PRACTICE

LAB TRAINERS
EXERCISES PROVING ELECTRICAL THEORY
EXERCISES ON THE RELATIONSHIP TO SCHEMATICS & ELECTRICAL DEVICES

PREREQUISITES

NONE

SUMMARY

THIS COURSE PROVIDES YOU WITH THE BASIC SKILLS NECESSARY TO UNDERSTAND AND TROUBLESHOOT AN ELECTRICAL CIRCUIT AND COMPONENTS IN AN INDUSTRIAL CONTROL PANEL USING SCHEMATICS. THIS COURSE PROVIDES OPPORTUNITIES TO WORK WITH WIRING COMPONENTS, USING MULTIMETERS, AND REVIEWING AND READING ELECTRICAL SCHEMATICS. DURING THE CLASS, YOU WILL GAIN THE HANDS-ON SKILLS REQUIRED TO TROUBLESHOOT FAILED COMPONENTS.



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