

GSC-2311

Electronics Fundamentals Student Lab Manual

ELECTRONICS FUNDAMENTALS

Gain understanding of the following:

Fundamentals of Electricity

Resistors and Resistance

Ohm's Law

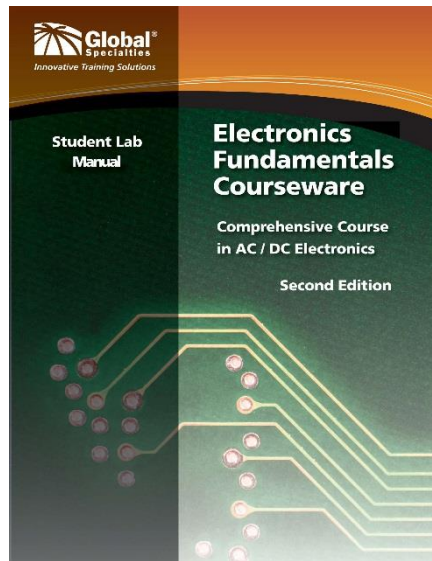
Series Circuits

Parallel Circuits

Combination Circuits

Closed and Open Circuits

And much more..



The Electronics Fundamentals course works with the Global Specialties trainers: [PB-503](#), [PB-503C](#), [PB-505](#), and [PB-507](#).

Overview:

Electronics Fundamentals is a comprehensive course in analog electronics that combines classroom study and laboratory exercises. The 40-semester hour course integrates a student textbook with a lab manual whose experiments are written to reinforce valuable hands-on circuit breadboarding and testing techniques.

The course covers basic electronic theory and ends with the students having gained a firm knowledge of electronic principles from Ohms' Law through combinational circuits utilizing active and passive components. This is achieved by introducing theories in the text then allowing students to explore those theories through the use of experimentation. The complete program includes: Student Text ([GSC-2301](#)), Instructor's Guide ([GSC-2302](#)), Student Lab Manual ([GSC-2311](#)), Lab Manual Answer Key ([GSC-2312](#)), and Lab Kit ([GSC-2311K](#)).