



Electricity for the Trades, 3rd edition

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NEW IN THE THIRD EDITION

Among the notable changes in this edition are:

- New to this edition is the Simulation Lab Manual that accompanies the text. Available through McGraw-Hill Connect, it features more than 250 Multisim simulated lab exercises integrated into each chapter of the text. Features of this new concept of experimental labs assignments include:
- Each Multisim circuit file comes complete with on- screen detailed instructions for carrying out circuit simulation problems and exercises.
- All lab components have been preselected and with their required values requiring a minimum of setup. Students spend more time experimenting rather than selecting, dragging, and assigning values to components.
- On-screen formulas and graphics from the text are designed to integrate the material covered in the text with the simulation assignment.

- The lab assignments may require students to:
- Correctly connect and take measurements using a simulated voltmeter, ammeter, ohmmeter, digital multimeter, wattmeter, and oscilloscope.
- Properly record measured data.
- Calculate expected circuit values.
- Troubleshoot components and circuits. · Modify circuit requirements.
- For this edition, Multisim labs have been created to operate using National Instruments' NI Multisim Student Edition Version 12 or higher.
- Note: Multisim software must be purchased separately.