



▶ DO YOUR HELPERS NEED A BETTER UNDERSTAND OF THE BASICS OF THE ELECTRICAL INDUSTRY 1



▶ DO YOUR EMPLOYEES NOT KNOW WHAT THE PEOPER TOOL IS FOR THE PROPER JOB 2



▶ DO YOUR EMPLOYEES NEED TO BE TAUGHT BASIC ELECTRICIAN'S NOMENCLATURE 3

Mid-South Independent Electrical Contractors Presents the

Basic Electricians Course

IF THE ANSWER TO ANY OF THE ABOVE QUESTIONS IS YES....THEN THIS COURSE IS FOR THEM.

This Basic Electricians Course will be taught over 2 semesters starting the first week in September 2008. The classes will be taught one night a week, for 2 hours a night, here at the IEC's Training Facility in Bartlett TN.

Below are the topics that will be covered during this course:

Semester 1

- Orientation and Basis Principles
- Tools and Blueprints
- Plans and Specs
- Conduit Bending
- Symbols and Outlets – Ohm's Law
- General – Purpose and Small Appliance Circuit
- Conductor Sizes, Types & Connections – Type NM Cables
- Voltage Drop, Other Wiring Methods and Print reading
- Switch Control
- GFCI Protection
- Luminaires
- Lighting and Small Appliance Branch Circuits

Semester 2

- Laundry Outlets / Garage Circuits
- Conduit Fill / Special Purpose Outlets
- Special Purpose Outlets – Kitchen
- Special Purpose Outlets – Bathroom, Exhaust Fans and Hydromassage Tub
- Heating and Air Conditioning
- Low Voltage and Fire Alarms
- Multiwire branch Circuits and Introduction to Combination Circuits
- Workshop Lighting and Receptacle Branch Circuits – Combination Circuits
- Service Entrance Equipment
- Knots, Rigging and Specialty Tools
- Overcurrent Protection
- Service Entrance Calculations
- Swimming Pools, Spas and Hot Tubs
- Home Automation, Standby Power



Tuition Fees:

IEC Contractor Members	\$500 per semester + books
IEC Associate Members	\$600 per semester + books
Non IEC Members	\$750 per semester + books
Books	\$200 (includes a student guide and Electrical Wiring Residential 16E)

You need to have a 2008 NEC. In the event you do not already have one, you can purchase one from the IEC for \$60



Mid-South IEC

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CALL THE IEC AT (901) 682-3546 TO LEARN HOW TO REGISTER



Basic Electricians Course starting in September 2008.

It was once said.... "what if I train my employees and they leave?" The better question is... "what if you don't train your employees and they stay?"

Many Electrical Contractors, Manufactures or Distribution Facilities have helpers for their electricians. However these helpers would be a lot more valuable if they had some professional training in the basics of electrical work and being around electricity.



Mid-South IEC has developed a two semester Basic Electricians Course.

This course is designed to help those in the electrical industry.

Whether they are in construction, manufacturing or distribution, if they work around electricity and need a better understanding of it, this course is for them.

Mid-South
Independent Electrical Contractors
Association

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