

Technical Advancement & Professional Development Sessions

Electricity & Electronics for Non EE's – Institute of Electrical and Electronic Engineers (IEEE)

This short course is designed to explain basic electrical principles to those of a non-electrical background. Key areas such as Ohm's law, magnetism, insulators, voltage, and current will be discussed using simple illustrations from the home and automobile. Applied examples will also demonstrate the importance of basic series, parallel, induction, capacitance and electronic circuits used in everyday life. Further more coverage of fundamental logic circuits and binary code will help reveal their importance in the modern day computer. This course not only explains basic electrical principles but provides real world applications along with demonstrations of electrical technology equipment.