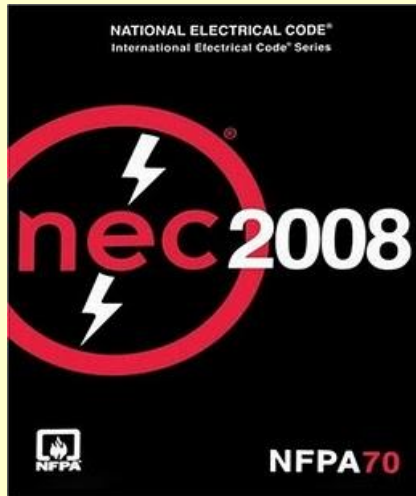




## Alabama Electrical Contractor and Journeyman NEC 2008 Exam Prep Course



### Course Dates and Schedule:

August 6<sup>th</sup> -7<sup>th</sup> 2011, Sat. and Sun.  
8am-4pm

### Cost and Fee's:

-\$150 per person

### Required Materials:

Students are required to bring their own 2008 NEC code Book, and a calculator.

### Course Instructor:

**Isaac Queen**

*Electricity/Electronics Instructor*  
Southern Union Community College  
-Licensed Alabama Electrical Contractor

### NEC Code and Calculations

#### **Material Covered:**

Testing process and overview  
Alabama licensing requirements  
Electrical theory: Ohms Law, Series, and Parallel Circuits  
Inductors, and Capacitors  
Conductor sizing  
Voltage Drop requirements,  
Box + Conduit fill  
GFCI's, AFCI's  
Motor sizing calculations  
Single-phase transformer calculations  
Three phase transformer calculations  
Appliance's, and range sizing  
Dwelling Service Calculations  
Commercial Service calculations

*For more information about the course and signing up call **334-745-6437**, and ask to speak with Janie Prickett.*

*Note: Alabama will continue testing on the 2008 NEC until January of 2012.*