

**Course Syllabus
For
Florida Building Code, 2010
Electrical Advanced Module**

Provider Information:

John T. Travers (ECLB 0000860) (FBPE 0005017)
Versatile Industries, Inc.
13380 Parkside Terrace
Copper City, Florida 33330-2642
954-689-4913
jtrashodan@aol.com

Course Title: Electrical Advanced Module (FBC#348-1, ECLB 0007651)

Course Description: Reviewing Electrical requirements in the Florida Building Code (2010) and comparing them with requirements in the National Electrical Code.

Course Objectives: To present the student with a comparison of the major electrical requirements posted throughout the FBC and correlate them to similar requirements in the National Electrical Code. The student will be able to apply information from this course directly to the installation requirements of the FBC and the NEC.

Course Time: 1 C. E. Hour (**50 Minutes**)

Code Edition: Florida Building Code – 2010 Edition, National Electrical Code – NFPA 70-2008

Course Outline:

- A. Florida Building Code – Building (**5 Mins**)
 - 1. Chapter 1 - Administration
- B. Florida Building Code – Energy Conservation (**20 Mins**)
 - 1. Chapter 1 - Administration
 - 2. Chapter 3 - Equipment
 - 3. Chapter 4 – Residential Energy Conservation
 - 4. Chapter 5 – Commercial Energy Conservation
- C. Florida Building Code – Building, Section 424 Swimming Pools (**5 Mins**)
- D. Florida Building Code – Chapter 9 - Fire Protection systems (**5 Mins**)
 - 1. Carbon Monoxide Detection
- E. Florida Building Code - Residential - Electrical Requirements (**5 Mins**)
 - 1. Bonding Metal Framing Members
 - 2. Mechanical/Electrical Requirements
 - 3. Fuel Gas Bonding
- E. Florida Building Code – Existing Building (**5 Mins**)
- D. Local Amendments to the FBC – Pinellas County (**5 Mins**)

Presentation Methods: Course is presented in classroom lecture style by an instructor, using slide presentation and handouts. Verbal exchange between instructor and students is promoted to maintain awareness and compare field experiences of the students.

Course Time Allotment: Course is 1 hour, with the last 5 minutes devoted to summary discussions and questions.

Course References: Florida Building Code (2010), National Electrical Code – NFPA 70-2008

Method of Course Evaluation: Oral discussion to gauge the retention of the students.