

**Recipe for Contractor Pie**

A delicious treat from the RedVector kitchen

**Electrical Ingredients**

- 1 Tbsp of Advanced Building Code (ADV)
  - 1 cup of Business Practice (BSP)
  - 1 tsp of Workers Comp (W/C)
  - 1 dash of Workplace Safety (WPS)
  - 7 lbs of Technical (TEC)
  - 3 oz of General (GEN) \*
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- 14 hours due by August 31st**

\* 2 oz of False Alarm Prevention &amp; 1 oz of General for Alarm Contractors

**Advanced Building Code (ADV) – 1 hour**

- FL Building Code Advanced '04: IEQ Overview [V.06] (2 hours)
- Florida Building Code Advanced 2007: Accessible Elements & Spaces, Part 1 (1 hour)
- Florida Building Code Advanced 2007: Accessible Elements & Spaces, Part 2 (1 hour)
- Florida Building Code Advanced 2007: Accessible Elements & Spaces, Part 3 (1 hour)

**Business Practice (BSP) – 1 hour**

- A Better Construction Contract (2 hours)
- A/E's, Owners, & Contractors: Managing Projects to Success (5 hours)
- Accounting for Change Orders (2 hours)
- Business Management: Brief Overview (1 hour)
- Construction Arbitration: A Brief Overview - Beginner (1 hour)
- Construction Claims: Acceleration (1 hour)
- Construction Claims: Changed Work (2 hours)
- Construction Claims: Delay (3 hours)
- Construction Claims: Labor Productivity Loss (3 hours)
- Construction Claims: Termination (1 hour)
- Construction Contract Law (2 hours)
- Construction Liens & Bonds (4 hours)
- Construction Mediation: A Brief Overview - Beginner (1 hour)
- Construction Paperwork (3 hours)
- Cost Estimating: Fundamentals (1 hour)
- Developing & Managing a Project Budget (4 hours)
- Insurance for Construction Defects (3 hours)
- Pricing as a Professional (2 hours)
- Professional Liability: Pre-Construction Considerations (6 hours)
- Understanding Construction Claims - An Overview (2 hours)
- Version Espanol: Administración de Empresas: Breve Resumen (Business Management: Brief Overview) (1 hour)

**Workers Compensation (W/C) 1 hour**

- Florida Workers' Compensation Law (1 hour)
- Understanding Workers Compensation for Employees (1 hour)
- Understanding Workers Compensation for Employers (1 hour)
- Version Espanol: Entendiendo la Compensación Laboral para los Empleados (Workers' Comp Employees) (1 hour)

**False Alarm Prevention (FAP) – 2 hours\***

\* Required for Alarm Contractors Only. Licenses EF, EG, EY, EH, EZ, EI, EJ, ES

False Alarm Prevention (2 hours)

**Workplace Safety (WPS) – 1 hour**

- Arc Flash Hazard Analysis - The Basics (1 hour)
- Asbestos: What Is It and Who Should Remove It? (3 hours)
- Fire Prevention Basics and Design (2 hours)
- OSHA Electrical Regulations (5 hours)
- OSHA Tools [Hand and Power] (3 hours)
- Personal Protective Equipment (1 hour)
- Radon & New Homes (1 hour)
- Safety: Electrical Part 1 - Fundamentals, Materials & Equipment Grounding (4 hours)
- Safety: Electrical Part 2 - Hazardous Location, Clearances & Safety Practice
- Safety: Fire Part 1 - Workplace Fire Hazards & Preventing Fires (3 hours)
- Safety: Fire Part 2 - Fire Protection Equipment & Techniques (2 hours)
- Site Safety Risk and Liability (2 hours)
- Version Espanol: Equipo de Protección Personal (Personal Protective Equipment) (1 hour)
- Worksite Safety 01: OSHA Safety Introduction (1 hour)
- Worksite Safety 02: OSHA Electrical Safety (2 hours)

**Technical (TEC) – 7 hours**

- 2011 NEC Code Change Articles 200-280 (2 hours)
- 2011 NEC Code Change Articles 90-110 (1 hour)
- 2011 NEC Code Changes - Chapter 3 & Chapter 4 (7 hours)
- 2011 NEC Code Changes - Chapter 5 (6 hours)
- 2011 NEC Code Changes - Chapter 6, Chapter 7 & Chapter 8 (8 hours)
- 2011 NEC Code Changes - Introduction, Chapter 1 & Chapter 2 (7 hours)
- 2008 NEC Code Changes: Article 100 - Article 210, Installation & Branch Circuits (2 hours)
- 2008 NEC Code Changes: Article 215 - Article 250, Overcurrent Protection & Grounding (2 hours)
- 2008 NEC Code Changes: Article 300 - Article 410, Conductors, Receptacles & More (2 hours)
- 2008 NEC Code Changes: Article 626 - Article 708, Truck Parking, Photovoltaics & More (2 hours)
- 2008 NEC Code Changes: Part 1 (8 hours)
- 2008 NEC Grounding (4 hours)
- 2008 NEC Motor Circuits/Calculations (2 hours)
- Circuit Analysis (AC): Average & Effective Value (1 hour)
- Circuit Analysis (AC): Complex Numbers & Phasors (2 hours)
- Circuit Analysis (AC): Dependent Sources (1 hour)
- Circuit Analysis (AC): RLC Circuit Response (1 hour)
- Circuit Analysis (AC): Series & Parallel Circuits (2 hours)
- Circuit Analysis (AC): Series & Parallel Networks (3 hours)
- Circuit Analysis (AC): Sinusoidal General Format & Phase Relationships (1 hour)
- Circuit Analysis (AC): Sinusoidal Generation and Definitions (1 hour)
- Circuit Analysis (AC): Thevenin's Theorem (1 hour)
- Circuit Analysis (DC Conventional): Current & Voltage in Parallel Circuits (1 hour)
- Circuit Analysis (DC Conventional): Current & Voltage in Series Circuits (1 hour)
- Circuit Analysis (DC Conventional): Current, Voltage, & Resistance (2 hours)
- Circuit Analysis (DC Conventional): Ohm's Law & Power (1 hour)
- Circuit Analysis (DC Conventional): Series - Parallel Networks (2 hours)

# DESSERTS

## **Technical (TEC) – 7 hours (Cont)**

Circuit Analysis (DC Conventional): Series & Parallel Resistors (1 hour)  
 Circuit Analysis (DC Electron Flow): Current & Voltage in Parallel Circuits (1 hour)  
 Circuit Analysis (DC Electron Flow): Current & Voltage in Series Circuits (1 hour)  
 Circuit Analysis (DC Electron Flow): Current, Voltage, & Resistance (2 hours)  
 Circuit Analysis (DC Electron Flow): Ohm's Law & Power (1 hour)  
 Circuit Analysis (DC Electron Flow): Series - Parallel Networks (2 hours)  
 Circuit Analysis (DC Electron Flow): Series & Parallel Resistors (1 hour)  
 Economic Conductor Selection (1 hour)  
 Electrical Characteristics of Conductors (3 hours)  
 Electrical Installations 1: Electrical Laws, Components and Circuits (1 hour)  
 Electrical Protection Grounding (2 hours)  
 Fuel Cell Power Systems (2 hours)  
 Industrial and Outdoor Lighting (5 hours)  
 Industrial Noise Control (3 hours)  
 Introduction to Photovoltaics (2 hours)  
 Mechanical Characteristics of Conductors (4 hours)  
 Medium Voltage Underground Cables (5 hours)  
 Solar Electric Generation: Technologies (5 hours)  
 Telecommunications Fundamentals (5 hours)  
 Voltage Regulator Application (1 hour)



## Contractor Regulatory Boards

**FCILB** FL Construction Industry Licensing Board regulates Construction Contractors.  
**ECLB** FL Electrical Contractors Licensing Board regulates Electrical Contractors

## New Licensees – CE requirements

License length less than 12 months – No continuing education required  
 License length between 12-24 months – 7 hours of General (GEN) credit, no special courses *required*.

**Note:** All new licensees must complete a 4-hour Core Building Code course within 2 years of initial licensure date. These 4 hours count as General credit. RV does not offer this core course.

## Inactive to Active Status

Inactive licensee must obtain 14 hours for each renewal period of inactivity (Continuing Education requirements began in 1994 for Certified Contractors)  
 Licensees can take the same course in 1 renewal period **ONLY** IF they are Inactive going to Active.

They must keep all certificates to provide with renewal application.

## Specialty courses greater than 1 hour – Roll over to General

Any course approved as specialty credit (ADV, BSP, FAP, TEC, W/C, WPS) will be applied as the number of hours towards their requirement. The rest of the hours roll over to General credit. (Example: A 4-hour course approved by ECLB for WPS credit will count for 1 hour toward WPS and 3 hours towards General, not Technical).

Course Statistics	# of courses	# of hours
FCILB Approved Courses	149	345
ECLB Approved Courses	94	220

 **Check to make sure you have ALL the ingredients!!**