

Recipe for Contractor Pie

A delicious treat from the RedVector kitchen

Combine ALL ingredients & SELL!!

**Construction Ingredients**

- 🍷 1 hour Advanced Code (ADV)
- 🍷 1 hour Business Practice (BSP)
- 🍷 1 hour Workers Comp (FWC)
- 🍷 1 hour Workplace Safety (WPS)
- 🍷 1 hour Laws (LAWS)
- 🍷 1 hour Wind Mitigation (WIND) *
- 🍷 8 hours General (GEN)

Note: Any excess hours in any mandatory requirement automatically move to the general category

🍷 14 hours due by August 31st

* Wind is required for CG, RG, CB, RB, CR, RR, CC, RC, SCC and RX licenses

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

- 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)
- Florida Building Code Advanced 2007: Plumbing Fixtures, Faucets & Fittings (1 hour)
- Florida Building Code Advanced 2007: Residential Floors (1 hour)

🍷 **Business Practice (BSP) – 1 hour**

- A Better Construction Contract (2 hours)
- A/E's, Owners & Contractors - Managing Projects to Success (5 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 Mediation: A Brief Overview - Beginner (1 hour)
- Construction Paperwork (3 hours)
- 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)
- Project Management for Florida Contractors (7 hours)
- Project Management Basics (4 hours) – (do not sell w/ 7 hour Project Mgmt.)
- Understanding Construction Claims - An Overview (2 hours)
- Version Espanol: Administración de Empresas: Breve Resumen (Business Management: Brief Overview) (1 hour)

🍷 **Workers Compensation (FWC) – 1 hour**

- Florida Workers' Compensation Law (1 hour)
- Project Management (7 hours)
- 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)

🍷 **Workplace Safety (WPS) – 1 hour**

- Asbestos Management (3 hours)
- Fire Safety Design Basics: Means of Egress & Extinguishing Systems (4 hours)
- Fire! Designing Adequate Means of Escape (2 hours)
- Lead Safety (5 hours)
- OSHA Safety: Stairways and Ladders (1 hour)
- Personal Protective Equipment (1 hour)
- Preventing and Investigating Accidents (2 hours)
- Project Management (7 hours)
- Safety: Developing an Employee Safety Orientation Program (1 hour)
- Safety: Fire Part 1 – Workplace Fire Hazards & Preventing Fires (3 hours)
- Safety: Fire Part 2 – Fire Protection Equipment & Techniques (2 hours)
- Safety: Machine Operation (4 hours)
- Safety: Material- Handling (4 hours)
- Safety: Trades (3 hours)
- Site Safety Risk & Liability (2 hours)
- Safety: Developing an Employee Safety Orientation Program (1 hour)
- Safety: Welding Part 2 - Equipment Use & Welder Protection (2 hours)
- Safety: Working with Chemicals (3 hours)
- The Genesis of Toxic Mold (2 hours)
- Version Espanol: Equipo de Protección Personal (Personal Protective Equipment) (1 hour)

🍷 **Laws & Rules (LAWS) – 1 hour**

- FL Statutes Ch. 489, Part I: Construction Contracting 2 [V.06] (4 hours)
- FL Statutes Ch. 489, Sections 101 - 114: Construction Contracting (1 hour)

🍷 **Wind Mitigation (WIND) – 1 hour**

- Wind Mitigation Methodology: Retrofits for Existing Homes (1 hour)
- Florida Wind Mitigation Retrofit Requirements for Existing Building [V2] (1 hour)
- Wind Mitigation: Roof Decking, Secondary Water Barriers & Gable End Bracing (1 hour)

- Version Espanol: Metodología para Mitigación de Vientos: Mejoras para Casas Existentes (Wind Mit.) (1 hour)

🍷 **General (GEN) – 8 hours**

- A Better Construction Contract (2 hours)
- A/E's, Owners, & Contractors: Managing Projects to Success (5 hours)
- Achievable Barrier Removal & Accessibility (3 hours)
- Achieving LEED Credits in New Construction Projects (6 hours)
- ADA Guidelines: Accessible Routes (2 hours)
- ADA Guidelines: Building Blocks (1 hour)
- ADA Guidelines: General Site and Building Elements (1 hour)
- ADA Guidelines: Plumbing Elements and Facilities (2 hours)
- ADA Guidelines: Recreation Facilities (2 hours)
- Alternative Dispute Resolution - Arbitration & Mediation (3 hours)
- Asbestos Management (3 hours)
- Asphalt Pavement - Design Basics (2 hours)
- Basic Blueprint Reading & Related Math (3 hours)
- Basic Construction Math (2 hours)
- Basic Wind Loads I: ASCE 7-05 Revealed (2 hours)
- Basic Wind Loads II - The Law and Implementation (2 hours)
- BIM Use and Risk Management (2 hours)
- Business Management: Brief Overview (1 hour)
- Concrete 1: Evaluation and Causes of Damage (1 hour)
- Concrete 2: Repair Planning and Preparation (1 hour)
- Concrete 3: Methods, Materials, and Maintenance (2 hours)
- Concrete Evaluation & Repair 1 (6 hours)
- Concrete Fundamentals II - Concrete Slab On Grade (1hour)
- Concrete Fundamentals: An Introduction (2 hours)
- Construction Administration: MEP Commercial Buildings (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 Liens & Bonds (4 hours)
- Contract Guide for Design Professionals: Basic Principles (2 hours)
- Cost Estimating: Fundamentals (1 hour)
- CPM Scheduling for Florida Contractors (7 hours)
- Diagnosing and Mitigating IAQ Problems (4 hours) (Continued on Reverse)
- Excavation Safety and Shoring/OSHA (4 hours)
- Fair Housing Accessibility V2 (3 hours)
- Fire Safety Design: Egress & Extinguishing Systems (4 hours)

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

Fire! Designing Means of Escape (2 hours)
 Going Green with BIM and GIS (2 hours)
 Gravel Road Design, Construction & Maintenance (5 hours) (Continued on Reverse)
 Green Building Materials: An Introduction (3 hours)
 Green Building Materials: Product Selection & Specification (4 hours)
 Green Building with Steel - Part 1: Material Attributes, Applications and LEED Ratings (1 hour)
 Green Building with Steel - Part 5: Erecting An Engineered Red Iron Steel House (4 hours)
 Green Building: Commercial High Performance Guidelines Part 1 (5 hours)
 Green Building: Commercial High Performance Guidelines Part 2 (4 hours)
 Green Building: Risk and Liability (3 hours)
 Green Design: Introduction to Sustainability and Measurement Systems (1 hour)
 Green Design: Sustainable Water Systems in Buildings (3 hours)
 Green Streets (2 hours)
 Green Urban Design (2 hours)
 Heavy Construction Equipment Basics - Earthmoving & Excavating (3 hours)
 Heavy Construction Equipment Basics - Lifting (2 hours)
 Historic Preservation: Roofing for Historic Buildings (2 hours)
 Hurricane Damage: Wind vs. Water Determination (1 hour)
 Hurricane Mitigation: Design and Construction Lessons (4 hours)
 HVAC Systems and Indoor Air Quality (2 hours)
 IAQ: Humid Climate Issues (8 hours)
 IAQ: HVAC Systems & Common Measurements (3 hours)
 Insurance Coverage Disputes (2 hours)
 Interior Codes 1: Overview (1 hour)
 Interior Codes 2: Occupancy & Loads (2 hours)
 Interior Codes 3: Construction Types & Building Sizes (1 hour)
 Interior Codes 4: Means of Egress (3 hours)
 Interior Codes 5: Fire Resistant Materials (2 hours)
 Interior Codes 6: Fire Protection Systems (1 hour)
 Interior Codes 7: Plumbing & Mechanical (1 hour)
 Interior Codes 8: Electrical & Communication (1 hour)
 Introduction to Indoor Air Quality (4 hours)
 Introduction to Photovoltaics (2 hours)
 Lead Safety (5 hours)
 Leak Detection for Roofs (1 hour)
 LEED for Existing Buildings: Operations & Maintenance Rating System (6 hours)
 OSHA Safety: Stairways and Ladders (1 hour)
 OSHA Underground Construction (4 hours)

Partnering for Design & Construction Projects (2 hours)
 Personal Protective Equipment (1 hour)
 Plumbing: Dental Offices & Working Drawings (1 hour)
 Plumbing: Lead Work, Silver Brazing & Soft Soldering (1 hour)
 Plumbing: Roughing & Repair Information (2 hours)
 Plumbing: Tips, Tricks and Tools (1 hour)
 Precast Concrete Erection Procedures (2 hours)
 Prestressed Concrete - An Introduction (2 hours)
 Preventing and Investigating Accidents (2 hours)
 Pricing as a Professional (2 hours)
 Professional Painting (1 hour)
 Project Management Basics (4 hours)
 Project Management for Florida Contractors (7 hours)
 Project Team Management (1 hour)
 Radon & New Homes (1 hour)
 Reinforced Concrete Tilt-Up Panels (2 hours)
 Residential Construction for Coastal Areas (3 hours)
 Residential Green Building: Design, Construction, and Accreditation (4 hours)
 Residential Green Remodeling: Design, Construction and Accreditation [V.2] (6 hours)
 Roofing Materials - Asphalt Shingles (2 hours)
 Roofing Materials - Concrete Tiles (2 hours)
 Roofing Materials - Flexible Membranes (3 hours)
 Solar Electric Generation: Technologies (5 hours)
 Storm Safe Homes: Building a Safe Room (1 hour)
 Structural Steel - An Introduction (1 hour)
 Swimming Pools: Coordination of Contractors (1 hour)
 Swimming Pools: Coordination of Contractors & Building Trade Professionals (1 hour)
 Swimming Pools: Introduction to Aquatic Design & Construction (2 hours)
 Swimming Pools: Mechanical and Hydraulic System Design (2 hours)
 The Genesis of Toxic Mold (2 hours)
 Understanding Construction Claims (2 hours)
 Use of Steel in Design & Construction (1 hour)
 Version Espanol: Detección de Filtraciones para Techos (Leak Detection for Roofs) (1 hour)
 Version Espanol: Equipo de Protección Personal (Personal Protective Equipment) (1 hour)
 Version Espanol: Fundamentos del Concreto:Una Introducción (Concrete Fundamentals: An Introduction) (2 hours)
 Version Espanol: Lectura Básica de Planos y Matemática Relacionada (Blueprint Reading & Math) (3 hours)
 Version Espanol: Sistemas HVAC y Calidad del Aire Interior (HVAC Systems & Indoor Air) (2 hours)
 Wind Mitigation: Roof Decking, Secondary Water Barriers & Gable End Bracing (1 hour)
 Window Installation: Box-Frame Replacement Windows (1 hour)

Window Installation: Concrete Masonry Unit Techniques & Standards (1 hour)
 Window Installation: Wood Frame Construction, Techniques and Standards (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*.

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 Credit :

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