

CONTRACTORS INSTITUTE COURSE SYLLABUS

2004 FLORIDA BUILDING CODE: **Advanced Training: Termites** (Internet Delivery)

COURSE DESCRIPTION:

This course is designed to provide contractors with two hours of advanced core training, specifically regarding termites.

NUMBER OF INTERACTIVE INTERNET HOURS: Two 50-minute hours

BEHAVIORAL OBJECTIVES OF THIS COURSE:

This seminar will improve the contractor's ability to understand, interpret, and apply building code provisions relating to termites and termite damage, and be able to inspect, identify, and prevent termite infestations/damage.

COURSE DETAIL AND TOPICAL OUTLINE:

10 min: *IDENTIFICATION OF TERMITE*

- Identification of termites vs. ant swarmers
- Colony dynamics
- Workers
- Reproductives and alates
- Soldiers

10 min: *TYPES OF TERMITES*

- Drywood termites
 - Wood damage and fecal pellets
- Dampwood termites
- Subterranean termites
 - Mud tubes
 - Control

10 min: *BUILDING CODE PROVISIONS*

- Chapter 18, Section 1816.1.7 - Termite Protection
- Chapter 1, Section 104 - Permits
- Chapter 18, Section 1816.1 - Termite Protection
- Chapter 23, Section 2303.1 - Preparation of building site & removal of debris
- Chapter 23, Section 2304 - Protection against decay and termites

10 min: *BUILDING CODE PROVISIONS*

- Chapter 1, Section 105.11 - Termites (Inspection)
- Chapter 18, Section 1816.1.1 - Soil Treatments
 - vapor retarders
 - disturbing soil after treatment
 - subterranean termite prevention

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Chapter 21, Section 2116 - Termite Inspection

cleaning

concrete bearing ledge

Chapter 23, Section 2304 - Protection against decay & termites

slabs

protection

walls

Chapter 14, Section 1403 - Veneered Walls

exceptions

10 min: *BUILDING CODE PROVISIONS*

Chapter 23: Wood in contact w/soil

mud tube

Chapter 19, Section 1916.7.5.1 Concrete clearance

Chapter 26, Section 2603.3.2 Foam plastic clearance

exceptions

Chapter 15, Section 1503.4.4 Weather Protection

Sample photos for inspection

10 min: *BUILDING CODE PROVISIONS*

Chapter 1, Section 104.2.7 Notice of termite protection

Special situations

Chapter 23, Section 2304.3 Crawl space construction

Chapter 23, Section 2304.2 Wood in ground contact or exposed to weather

Chapter 23, Section 2304.5 Walls

exceptions

Chapter 23, Section 2303.2 Foundations

10 min: *BUILDING CODE PROVISIONS*

Chapter 23, Section 2301.4 Quality of materials

quality mark

Chapter 23, Section 2304.1 Protection

Chapter 23, Section 2304.2 Wood in ground contact or exposed to weather

posts, poles, columns supporting permanent structures

exceptions

Chapter 18, Section 1820 High Velocity Hurricane Zones - Concrete Slabs on Fill

10 min: *SUBTERRANEAN TERMITE TREATMENT METHODS & PRACTICES*

Soil treatment with residual termiticides

Kinds available

Application rates

Monolithic slabs - Supported or floating slabs

Installation of termite colony monitoring and baiting systems

Treatment of structural wood with borate-containing compounds

Installation of physical barriers to termite infestation

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10 min: *PROTECTION AND WARRANTIES*
Termite Warranty Renewal on New Construction
Homeowner's insurance exclusions
Termite damage replacement warranties
Pest management contracts

10 min: *PREVENTION OPTIONS*
Impasse Pre-Construction Termite Treatment
 Application & Concept
 Insecticide locked in
 Installed during construction
Physical Barriers
 Termi-mesh
Treated lumber
 Grade stamp
Borate-containing compounds
 Penetrating, topics
Baits
 Disadvantages
 Situations where may be preferred
Liquid Termiticides

TOTAL TIME: 100 MINUTES (two 50-minute hours)

METHOD OF PRESENTATION:

This distance learning course is formatted specifically for internet delivery. Students participate through interactive prompts and section review, assuring that the student will have direct control over course delivery. Material will be presented by means of text, photos and audio clips. Additionally, students will have the opportunity to link to related resource websites and will be able to access instructor/technical support through e-mail or telephone communication.

METHOD OF EVALUATION:

Upon enrollment, students are assigned a password for access to the course. This interactive internet course is composed in sections (modules) to allow students to complete the course in its entirety at one sitting or work on the course in 'sessions' at his/her own pace. Monitoring of student activity is tracked and maintained, along with section evaluation scores. Log in and log out times are recorded and are accessible to the course administrator, instructor and student. As the student achieves course objectives, his/her comprehension of the material is evaluated through interactive multiple choice questions at the end of each section. Incorrect answers will route students to review information previously presented. A distance learning certificate of course completion is issued when the course is complete and verified by a course administrator.

This course is monitored continually, allowing materials to be updated and difficulty levels adjusted according to evaluation scores, timetables and student comments.

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QUALIFICATION OF INSTRUCTORS:

Although an internet course, qualifications of those responsible for the internet delivery of the content of materials presented are attached (Robert J. Koning, Rhonda E. Koning, and Richard Elzey).

MINIMUM QUALIFICATIONS FOR ANY FUTURE INSTRUCTORS:

Any future instructor shall be qualified by education or experience to teach a course within their area of expertise (or parts of the course assigned) as it relates to our course content. Pursuant to rule, qualifications for these instructors shall include:

- * A four year college degree in which this instructor may teach courses related to their field of study.
- * An active or inactive state certified or registered contractor's license with at least five years experience may teach any technical course regarding construction within the scope of their license. No contractor whose license has been suspended or revoked shall teach or serve as a continuing education instructor.