



Casey O'Malley Associates 866-363-1330

Course Synopsis <u>Fundamentals of Home Inspection 40 Hour Online Class</u> Fundamentals Online Program

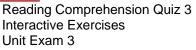
FUNDAMENTALS OF HOME INSPECTION		Time (hours)
Roofing/Flashing/Chin Reading Assign Reading Compr Interactive Exer Unit Exam 1	ment ROOFING FLASHINGS CHIMNEYS PROBABILITY OF LEAKAGE rehension Quiz 1	2.5
Exterior Reading Assign Reading Compr Interactive Exer Unit Exam 2	GUTTERS AND DOWNSPOUTS LOT GRADING DOORS, WINDOWS AND TRIM WALL SURFACES PORCHES, DECKS, BALCONIES, ENTRANCES AND CARPORTS WALKS, DRIVEWAYS, AND LANDSCAPING BASEMENT WALK-OUT GARAGES RETAINING WALLS rehension Quiz 2	2.5
Structure Reading Assign	ment THE BASICS OF STRUCTURES FOOTINGS FOUNDATIONS CONFIGURATION FLOORS WALLS ROOFS MASONRY CHIMNEYS TERMITES	7.5

OTHER WOOD BORING INSECTS

MECHANICAL DAMAGE AND FIRE DAMAGE

1 of 4





Electrical

Reading Assignment THE BASICS ENTRANCE SERVICE PANEL BRANCH CIRCUIT WIRING LIGHTS, OUTLETS, SWITCHES & JUNCTION BOXES Reading Comprehension Quiz 4 Interactive Exercises Unit Exam 4

Heating

Reading Assignment

HEATING OBJECTIVES UNITARY ELECTRIC HEATERS FURNACES (FORCED AIR SYSTEMS) BOILERS (HOT WATER SYSTEMS) CONVERSION FROM HOT WATER TO FORCED-AIR CONVERSION FROM OIL TO GAS CHIMNEY LINERS **EFFICIENCIES** CAPACITY FAILURE PROBABILITY GAS PIPING WARM AIR HEATING SYSTEMS HOT WATER HEATING SYSTEMS GENERAL DISTRIBUTION LIMITATIONS STEAM BOILERS COMBINATION HEATING SYSTEMS Reading Comprehension Quiz 5 Interactive Exercises Unit Exam 5

Cooling/Heat Pumps

Reading Assignment

AIR CONDITIONING HEAT PUMPS COOLING CAPACITY FAILURE PROBABILITY COMPRESSOR PLENUM COIL OUTDOOR COIL WATER COOLED COIL OUTDOOR FAN CONDENSATE TRAY/LINE/PUMP REFRIGERANT LINES INDOOR FAN



4

SERVICE

5

2





DUCTWORK ATTIC DUCTWORK INSULATION SUPPLEMENTAL COOLING ATTIC DRIP PAN WATER LINES THERMOSTAT HOUSE FAN EVAPORATIVE COOLER Reading Comprehension Quiz 6 Interactive Exercises

Insulation

Reading Assignment

Unit Exam 6

ATTICS FLAT ROOFS CATHEDRAL ROOFS / SLOPED CEILINGS SKYLIGHT WELLS **KNEE WALLS** WOOD FRAME EXTERIOR WALLS MASONRY WALLS LOG WALLS **BASEMENT WALLS - INTERIOR BASEMENT WALLS - EXTERIOR CRAWL SPACES** FLOORS ABOVE UNHEATED AREAS PIPES IN UNHEATED AREAS DUCTWORK IN UNHEATED AREAS EXHAUST DUCTS IN UNHEATED AREAS CURRENT STANDARDS **EXISTING AMOUNT** TYPES OF INSULATION INSPECTING AND MAINTAINING INSULATION AND VENTILATION Reading Comprehension Quiz 7 Interactive Exercises Unit Exam 7

Plumbing

Reading Assignment SUPPLY WASTE **FIXTURES** GAS PIPING Reading Comprehension Quiz 8 Interactive Exercises Unit Exam 8

Interior

Reading Assignment

5

6

2.5





MAJOR FLOOR FINISHES MAJOR WALL FINISHES MAJOR CEILING FINISHES TRIM STAIRS WINDOWS DOORS FIREPLACES PARTY WALLS BASEMENT LEAKAGE Reading Comprehension Quiz 9 Interactive Exercises Unit Exam 9

Appliances

Reading Assignment RANGES **OVENS** EXHAUST VENTS **DISHWASHERS** WASTE DISPOSERS **TRASH COMPACTORS CENTRAL VACUUMS** DOOR BELLS LAUNDRY FACILITIES EXHAUST VENTS MONTHLY ENERGY CONSUMPTION OF HOUSEHOLD APPLIANCES Reading Comprehension Quiz 10 Interactive Exercises Unit Exam 10

Final Exam

Total

2

40

1