

Comm 21 Construction Standards
Wisconsin Department of Commerce
Course Identification Number 10731
Expiration Date: 05/12/2014
Education Credit: 6 Hours

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Course Type: Continuing Education
Dwelling Contractor Qualifier
UDC Construction Inspector

Comm 21 – Construction Standards

This course (6 hour continuing education) is designed to familiarize Contractors and Inspectors with information on the updated construction codes required for building a home, according to the Uniform Dwelling Code (UDC).

Topics covered in this course include Design Criteria, Excavations, Footings, Foundations, Floors, Walls, Roof and Ceilings, Fireplace Requirements, Construction in Floodplains and Installation of Manufactured Homes are included in this course.

Outline of Course

Comm 21.01 Scope.

Subchapter II — Design Criteria

Comm 21.02 Loads and materials.

Comm 21.03 Exits.

Comm 21.035 Interior circulation.

Comm 21.04 Stairways and elevated areas.

Comm 21.042 Ladders.

Comm 21.045 Ramps.

Comm 21.05 Natural light and natural ventilation.

Comm 21.06 Ceiling height.

Comm 21.07 Attic and crawl space access.

Comm 21.08 Fire separation and dwelling unit separation.

Comm 21.085 Fireblocking.

Comm 21.09 Smoke detectors.

Comm 21.095 Automatic fire sprinklers.

- Comm 21.10 Protection against decay and termites.
- Comm 21.11 Foam plastic.
- Comm 21.115 Installation of elevators or dumbwaiters.

Subchapter III — Excavations

- Comm 21.12 Grade.
- Comm 21.125 Erosion control and sediment control.
- Comm 21.126 Storm water management.
- Comm 21.13 Excavations adjacent to adjoining property.
- Comm 21.14 Excavations for footings and foundations.

Subchapter IV — Footings

- Comm 21.15 Footings.
- Comm 21.16 Frost protection.
- Comm 21.17 Drain tiles.

Subchapter V — Foundations

- Comm 21.18 Foundations.

Subchapter VI — Floors

- Comm 21.19 Floor design.
- Comm 21.20 Concrete floors.
- Comm 21.203 Garage floors.
- Comm 21.205 Wood floors in contact with the ground.
- Comm 21.21 Precast concrete floors.
- Comm 21.22 Wood frame floors.
- Comm 21.225 Decks.

Subchapter VII — Walls

- Comm 21.23 Wall design.
- Comm 21.24 Exterior covering.
- Comm 21.25 Wood frame walls.
- Comm 21.26 Masonry walls.

Subchapter VIII — Roof and Ceilings

- Comm 21.27 Roof design.
- Comm 21.28 Weather protection for roofs.

Subchapter IX — Fireplace Requirements

- Comm 21.29 Masonry fireplaces.
- Comm 21.30 Masonry chimneys.
- Comm 21.32 Factory-built fireplaces.

Subchapter X — Construction in Floodplains

- Comm 21.33 Construction in floodplains.
- Comm 21.34 Construction in coastal floodplains.

Subchapter XI — Installation of Manufactured Homes

- Comm 21.40 Installation standards.