

BACKUS Community Center

Contractor Continuing Education Class February 19, 2018 | 8 am to 4:30 pm

Minnesota State Building Code, Year in review

Course overview: 7 hours of Contractor Continuing education is provided with focus on several key areas shown to be of particular interest over the last 12 months. Administration, building planning, wall construction and envelope protection will be of particular focus. Participation is strongly encouraged to learn from shared experiences and determine successful solutions. Training material will include a minimum of 1 hour focused on MN Rules Chapter 1322, Residential Energy Code as required by State Statute for MN Licensed Contractors.

- A) Minnesota State Building Code- Make up and Use 45 minutes
1-MN Rules 1300; Administration overview. Permits, plans and plan review.
2-MN Rules 1303 MN Provisions
a) MN is special, how and why. Snow and frost.
b) Residential requirements including passive and active radon systems.
- B) Chapter 3 Building Planning 45 minutes
1- Design criteria, applications and limitations.
2- Room areas, occupant comfort. Minimum requirements.
3- Safety Glazing, where and how.
4-Egress/ Emergency escape and rescue. Possible pitfalls.
5-Alarms and notifications. Technology and code requirements.
- Break 15 minutes
- C) Wood wall framing 30 minutes
1- Dimensional lumber limitations and code references (table explanations).
2- Fastening, header, and bearing.
3- TDD. Critical information and potential problems.
4- Post frame homes. Prescriptive or performance?
- D) Wall Bracing 45 Minutes
1-Definitions and options.
2- Methods and materials.
3- Plans and submittal options.
- Lunch 60 minutes
- E) Water resistive barriers, exterior wall requirements 60 minutes
1- Housewraps, WRB, required approvals
2- Windows and Doors, other penetrations.
3- Flexible flashing materials and methods. Penetration by penetration
4-window and door installation requirements
- F) 1322 MN Energy Code 60 minutes
1- Envelope requirements, R-values and locations.
2- Interior air barrier and vapor barrier requirements. What to do with envelope penetrations.
3- Attics, R-value and ventilation.
- G) Roofing and siding. Attachments and Code criteria. 45 minutes
Break 15 minutes
- H) Residential plumbing, basics for the general contractor 45 minutes
1- DWV, 2015 MN State Plumbing Code
2- Water piping, sizing, protection and insulation
- I) Residential HVAC, basics for the general contractor 45 minutes
1- Appliances and venting
2- Ventilation air, equipment sizing and distribution

Continuing Education:

The 7-hr course has been approved for 3-hrs of energy and 4-hrs of other

Seminar starts at 8:00 am and ends at 4:30 pm. There will be mid-morning and mid-afternoon breaks with lunch.

If you would like to attend the class, please return the registration form on the back with your registration fee of \$130 to:
Backus Community Center,
900 5th Street, Int'l Falls MN
56649.

- Registration includes class instruction, class materials, lunch and snacks
- Deadline to register is February 12, 2018
- Late registration fee is \$150
- Form online at www.backusab.org/forms.html
- Questions? Contact Hoa Sobczynski (218) 373-3001 or hoasobczynski@backusab.org

Registration Fee: \$130

Deadline February 12

After 2/12/18

Late registration is \$150



**Contractor Continuing Education Class
February 19, 2018
8 am to 4:30 pm**

Today's Date: _____

Name: _____
(please print)

Business Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____ Cell: _____

Contractor License Number: _____

Signature: _____

Office Use Only

Date Received: _____

Amount Paid: _____

Check# _____

Cash: _____

Credit Card: _____
