

LATERAL FRAMING TRAINING SYLLABUS

In-Person Class Dates: Monday's, 10/25/2021 – 12/13/2021

In-Person Class Time: 5:00PM to 8:00PM

In-Person Class Location: Renton Technical College, 3000 NE 4th Street, Renton WA 98056, Room C111

COURSE OUTLINE

CLASS 1: OCTOBER 25TH

- A) Greetings and what to expect
- B) APA Introduction to Lateral Design
- C) IBC Chapter 17
- D) IBC Chapters 22 and 23

CLASS 2: NOVEMBER 1ST

- A) Wood Products Material Standards presentation
- B) Plan reading- General notes, shearwall and hold down tables
- C) Quiz

CLASS 3: NOVEMBER 8TH

- A) Review quiz
- B) AWC NDS presentation
- C) Plan reading – floor plans and elevations
- D) Quiz

CLASS 4: NOVEMBER 15TH

- A) AWC SDPWS presentation
- B) Plan Reading – details, connections, and hardware
- C) Quiz

CLASS 5: NOVEMBER 22ND

- A) Review quiz
- B) Cold-formed material identification, fasteners, and hardware presentation
- C) Plan set 2 – CFS notes and tables

CLASS 6: NOVEMBER 29TH

- A) AWS D1.3 welding presentation
- B) Plan reading – cold formed floor plans, elevations, and details
- C) Weekly quiz

CLASS 7: DECEMBER 6TH

- A) Review quiz
- B) FINAL EXAM**

CLASS 8: DECEMBER 13TH

- A) Practical field info packet
- B) Review Final Exam
- C) WABO exam application and instruction

REQUIRED REFERENCES

International Building Code Chapters 17, 22 and 23

AWS D1.3/D1.3M:2018 STRUCTURAL WELDING CODE-SHEET STEEL

The following REQUIRED references are available for purchase or free view only download at the websites listed:

- APA Introduction to Lateral Design
- APA Engineered Wood Construction Guide
<https://www.apawood.org/publication-search?q=&f=Design+%26+Construction>
- AWC National Design Specification (NDS) for Wood Construction 2018
- AWC Special Design Provisions for Wind and Seismic (SDPWS) 2015
<https://awc.org/codes-standards/publications/nds-2018>
- AISI S200-12: North American Standard for Cold-Formed Steel Framing – General Provisions
- AISI S230-07 (2012): Standard for Cold-Formed Steel Framing - Prescriptive Method for One- and Two-Family Dwellings
<https://cfsei.memberclicks.net/free-publications-by-development---aisi-2012-s200-series-framing-standards>

LATERAL FRAMING TRAINING REGISTRATION

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CONTACT INFORMATION

Name: _____

Company: _____

Phone Number: _____

Email: _____

BILLING CONTACT INFORMATION

CHECK IF SAME AS ABOVE

Name: _____

Phone: _____

Email: _____

STUDENT REGISTRATION

First: _____

Last: _____

Email: _____

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COST

Determined by enrollment. Invoice will be emailed at the beginning of the course.

REGISTRATION

Please fill out this registration application and email to Thanh Kieu at thanh@nwcel.org