



Building
the foundation
for Oregon's future

Commercial Structural Inspector Skills Enhancement Course Course Syllabus – Winter 2024

Class days: Tuesday and Thursday, 8:30 – 10:30 a.m.

Progress exam days – Online unless otherwise communicated 8:30 – 12:00 p.m.

***Pre-requisite: Must hold all of the following Oregon certifications: A-Level Structural Inspector(SIA), Residential Structural Inspector (CAS), Residential Structural Plans Examiner (CAX), and have six-months of residential structural inspection experience working for an Oregon Building Department.**

Please note: this syllabus is a guideline. As the course proceeds some lessons may take longer to complete, which will bump future lessons forward and lesson dates may no longer be accurate. However, the lessons and associated homework will remain the same even if the dates change. This would bump the dates of progress exams as well.

Week 1 (January 9 & 11)

January 9 - First day of course, attendance via webcam & mic required, 8:30-12:00 p.m.

- Course Introduction
- Lesson 1: Codebook Basics & Ch. 1 - Administration
Ch. 2 – Definitions

Week 2 (January 16 & 18)

- Lesson 2: Ch. 3 – Occupancy Class/Use

Week 3 (January 23 & 25)

- Lesson 3: Ch. 6 – Types of Construction

Week 4 (January 30 & February 1)

- Lesson 4: Ch. 5 – Bldg. Hts. & Area - Part 1

Week 5 (February 6 & 8)

- Lesson 5: Ch. 5 – Bldg. Hts. & Area - Part 2
- Quiz Lesson 5

Week 6 (February 13 & 15)

- Lesson 6: Ch. 4 – Special Detailed Reqs. Based on Use/Occupancy

Week 7 (February 20 & 22)

- Lesson 7: Ch. 7 – Fire & Smoke Protection Features – Part 1

Week 8 (February 27 & 29)

- Lesson 8: Ch. 7 – Fire & Smoke Protection Features – Part 2

Week 9 (March 5 & 7)

- Review for Mid-Term Exam
- **March 7, Mid-term: Lessons 1-8 (attendance via webcam & mic required, 8:30-12:00 p.m. (exam may be bumped forward)**

Week 10 (March 12 & 14)

- Mid-Term Exam review
- Lesson 9: Ch. 8 – Interior Finishes

- Lesson 10: Ch. 9 – Fire Protection Systems – Part 1

Week 11 (March 19 & 21)

- Lesson 10 cont.
- Lesson 11: Ch. 9 – Fire Protection Systems – Part 2

March 26 & 28: no class, spring break

Week 12 (April 2 & 4)

- Lesson 12: Ch. 10 – Means of Egress – Part 1

Week 13 (April 9 & 11)

- Lesson 13: Ch. 10 – Means of Egress – Part 2

Week 14 (April 16 & 18)

- Lesson 14: Ch. 10 – Means of Egress – Part 3

Week 15 (April 23 & 25)

- Lesson 15: Ch. 12, 29, 14, & 15

Week 16 (April 30 & May 2)

- Lesson 16: Ch. 30, 31, 33, App. C, F, H, & I

Week 17 (May 7 & 9)

- Commercial Plan Check

Week 18 (May 14 & 16)

- Review for Final Exam

Week 19 (May 21 & 23)

- **May 21 Final Exam:**
Lessons 9-16
(attendance via webcam
& mic required, 1-5 p.m.
(exam may be bumped
forward))
- Final Exam Review &
Class Graduation

Week 20/21 (May 29 June 4)

- (Open for scheduling
flexibility.)