



Building
the foundation
for Oregon's future

Commercial Structural Inspector Skills Enhancement Course Course Syllabus – Winter 2025

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:** Hold a current **Oregon Inspector Certification (OIC)**, and a current **Oregon Residential Structural Inspector Certification (CAS)** (includes mechanical) and a current **Oregon Residential Plans Examiner Certification (CAX)**, or Hold a current **Oregon A-Level Structural Inspector Certification (SIA)**, and be currently employed by an Oregon municipality (city, county or state building department) or a registered plan review and inspection business, and must have completed at least six months of residential (CAS) and/or commercial structural (SIA) code inspections, as verified in writing by the building official for the student's jurisdiction.

****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 (May 6 & 8)

May 6 - 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 (May 13 & 15)

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

Week 3 (May 20 & 22)

- Lesson 3: Ch. 6 – Types of Construction

Week 4 (May 27 & 29)

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

Week 5 (June 3 & 5)

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

Week 6 (June 10 & 12)

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

Week 7 (June 17)

June 19 – closed, no class

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

Week 8 (June 24 & 26)

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

Week 9 (July 1 & 3)

- Review for Mid-Term Exam
- **July 3 - Mid-term: Lessons 1-8 (attendance via webcam & mic required, 8:30-12:00 p.m. (exam may be bumped forward))**

Week 10 (July 8 & 10)

- Mid-Term Exam review
- Lesson 9: Ch. 8 – Interior Finishes
- Lesson 10: Ch. 9 – Fire Protection Systems – Part 1

Week 11 (July 15 & 17)

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

Week 12 (July 22 & 24)

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

Week 13 (July 29)

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

July 31 – no class

Week 14 (August 5 & 7)

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

Week 15 (August 12 & 14)

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

Week 16 (August 19 & 21)

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

Week 17 (August 26 & 28)

- Commercial Plan Check

Week 18 (September 2 & 4)

- Review for Final Exam

Week 19 (September 9 & 11)

- **August 9- 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 (September 16-18, 23-25)

- (Open for scheduling flexibility.)