



Building
the foundation
for Oregon's future

Residential Plumbing Inspector Cross-training Course Syllabus – 2023

Class days – Mondays and Wednesdays, 1:30-3:30 p.m.

Progress exam days – Online unless otherwise communicated 1:00-5:00 p.m.

Please note: This syllabus is a guideline. As the course proceeds, some lessons may take longer to complete which will bump all future lessons and/or progress exams forward and dates will no longer be accurate. Course could be extended an additional two-weeks. However, the lessons and associated homework will remain the same even if the dates change.

Week 1 (January 30 & February 1)

May 23: first day of course, attendance via webcam & mic required, 1-5 p.m.

- Welcome
- Student roles and responsibilities
- Review of course details
- Ethics presentation
- **Lesson 1:** Administration

Week 2 (February 6 & 8)

- **Lesson 1:** Administration (Continued)

Week 3 (February 13 & 15)

- **Lesson 2:** Plumbing utilities scoping of water, sewer, storm

Week 4 (February 20 & 22)

February 20: closed, no class

- **Lesson 2:** Plumbing utilities scoping of water, sewer, storm (Continued)
- **Lesson 3:** Change of direction and trap arms

Week 5 (February 27 & March 1)

- **Lesson 3:** Change of direction and trap arms (Continued)
- **Review:** Lessons 1-3

Week 6 (March 6 & 8)

March 6: attendance via webcam & mic required, 1-5 p.m. (exam may be bumped forward)

- **Progress Exam #1:** 52 questions based on lessons 1 thru 3
- **Review exam**
- **Lesson 4:** Underfloor plumbing

Week 7 (March 13 & 15)

- **Lesson 4:** Underfloor plumbing (Continued)
- **Lesson 5:** Underfloor plumbing continued

Week 8 (March 20 & 22)

- **Lesson 5:** Underfloor plumbing continued (Continued)
- **Lesson 6:** Top out plumbing

March 27-31: Spring break, closed, no class

Week 9 (April 3 & 5)

- **Lesson 6:** Top out plumbing (Continued)

Week 10 (April 10 & 12)

- **Lesson 6:** Top out plumbing (Continued)
- **Review:** Lessons 1-6

Week 11 (April 17 & 19)

April 17: attendance via webcam & mic required, 1-5 p.m. (exam may be bumped forward)

- **Progress Exam #2:** 52 questions based on lessons 1 thru 6
- **Review exam**
- **Lesson 7:** Special Inspection of sewage ejectors and macerating grinders

Week 12 (April 24 & 26)

- **Lesson 8:** Venting methods

Week 13 (May 1 & 3)

- **Lesson 8:** Venting methods (Continued)
- **Lesson 9:** Shower pan inspection and jacuzzi tub pumps

Week 14 (May 8 & 10)

- **Lesson 10:** Traps

Week 15 (May 15 & 17)

- **Lesson 10:** Traps (Continued)

Week 16 (May 22 & 24)

- **Review:** Lessons 1-10

Week 17 (May 29 & 31)

May 29: closed, no class

May 31: attendance via webcam & mic required, 1-5 p.m. (exam may be bumped forward)

- **Progress Exam #3:** 52 questions based on lessons 1 thru 10

Week 18 (June 5 & 7)

- **Review exam**
- **Lesson 11:** Water Distribution

Week 19 (June 12 & 14)

- **Lesson 12:** Water sizing
- **Lesson 13:** Backflow protection

Week 20 (June 19 & 21)

June 19: closed, no class

- **Lesson 13:** Backflow protection (Continued)
- **Lesson 14:** Final Plumbing

Week 21 (June 26 & 28)

- **Lesson 14:** Final Plumbing (Continued)
- **Review:** lessons 1 thru 14

Week 22 (July 3 & 5)

- **Continue Review:** lessons 1 thru 14

Week 23 (July 10 & 12)

July 10: attendance via webcam & mic required, 1-5 p.m. (exam may be bumped forward)

- **Progress Exam #4:** 52 questions based on lessons 1 thru 14
- **Review exam**
- **Virtual Inspections:** Set 1

Week 24 (July 17 & 19)

July 19: projected last day of course

- **Virtual Inspections:** Set 2
- **Review:** Lessons 1 thru 14

Note: Possible extension of course of up to two weeks, due to multiple holidays on course days – TBA by first week of June.