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Electrical Inspector Practical Examination

Note: These policies are updated periodically and subject to change. Please read carefully prior to registering for any training.

Practical examination description

The Electrical Inspector practical examination is approximately a 12-week practicum-style course of study and examination process that explains the codes and processes for performing commercial electrical inspections covered by the Oregon Electrical Specialty Code. The practical examination explains the various components of electrical installations that are verified during the inspection process and is taught through interactive training between the instructor and individual, specific questions and assigned research, and four progress exams.

Individual who successfully pass the practical examination process will receive approval to take the state electrical inspector certification exam. Exams with a passing score of 75 percent or higher will be issued an Oregon Electrical Inspector (EI) certification.

Practical examination requirements

Requirements:

- Individual who completes the online registration process will be required to submit an "Application for Oregon Inspection Certifications". The application will be reviewed for approval to ensure applicant meets requirements to enroll in the practical examination provided in Oregon Administrative Rule 918-281-0007 and 0020. A non-refundable \$80 application fee is required. Not sure you qualify? Please contact training staff who can help answer your questions.
- Individual approved to take the practical examination who does not hold a current Oregon Inspector Certification (OIC) will be required to enroll for the next available OIC class. Training staff will contact applicant with registration information once their application for enrollment has been approved. A non-refundable \$125 application fee is required.
- Enrollment requirement:
 - A minimum of five enrollments must be received to hold a practical examination. If five enrollments are not received those who applied will be contacted with future options.

Practical examination information

Examination length:

- Average of 12-weeks.
- Individual is required to attend all sessions in person at the Salem training classroom for the entire practical examination. Remote attendance is not offered)
- Class is held on Mondays from 9 a.m. to 3 p.m.
- Please read the [enrollment policies](#) for all requirements.
- Individual who successfully pass the practical examination (has met attendance and progress exam requirements) will be approved to sit for the state inspector certification exam associated with the training or practicum completed.

Examination assignments

- Assignments will be given throughout the course either to be completed in class or on individual own time outside of regular class hours.
- Four (4) 52 question progress exam will be given throughout the 12 weeks.
- A score of at least 75 percent on at least three of four progress exams is required.
- Exam failure of two or more progress exams with score below 75 percent or absence on a progress exam day results in failure of that progress exam. Individual will be unenrolled from the practical examination.

Enrollment policies

Please carefully read the enrollment policies which include how to enroll, fees, refunds, exams, attendance and other related requirements.

Curriculum:

[Syllabus](#)

- Rule and Law (OAR/ORS)
- Calculations
- Transformers
- Plan Review

Required practicum materials

Individual is responsible for purchasing the following materials:

- Basic calculator
- National Electrical Handbook - current version
- Ugly's Electrical References
- Tom Henry's Key Word Index

Click on the following link for a list of [code book vendors](#)

Materials included in practicum fee, provided by BCD:

- Practicum lessons
- Amendments to the NEC – Table 1-E
- Oregon administrative Rules (OAR's)

- Oregon Revised Statutes (ORS's)

Location

Building Codes Division
1535 Edgewater Street NW, CR C
Salem, OR 97304

Fees

\$625 Practical examination fee

- Fee includes lessons, Amendments, OAR's and ORS's
- Individual are responsible for purchasing code and reference books

\$80.00 Certification application and exam fee

- Due after successful completion of practical examination

Instructor

[Dennis Clark](#)

PRACTICUM QUALIFICATIONS AND SCOPE OF WORK

Oregon Inspector Certification (OIC) 918-098-1025

Every person who performs building official duties, building code inspections, or plan reviews must possess a valid Oregon Inspector Certification (OIC) **and** a valid appropriate Oregon Code Certification (OCC) for the work being performed and the minimum level of experience.

Before you may be approved for any Oregon Code Certification, you must have an active OIC number.

Certification type and rule reference	What this certification authorizes you to do	The qualifications for this certification
<p>Electrical Specialty Code Inspector (EI)</p>	<p>Inspects electrical installations regulated by the Oregon Electrical Specialty Code;</p> <p>Inspects electrical installations regulated by the Oregon Residential Specialty Code; and</p> <p>May do electrical plan reviews as provided in OAR 918-311-0040.</p>	<ol style="list-style-type: none"> 1. Two years of employment and experience as a licensed Oregon general journeyman electrician, plus successful completion of the division's board-approved commercial electrical inspector practicum; <p style="text-align: center;">-OR-</p> <ol style="list-style-type: none"> 2. A licensed journeyman electrician, plus eight years' experience as a licensed journeyman electrician working on commercial, industrial, or multi-family structures, plus successful completion of the division's board-approved commercial electrical inspector practicum; <p style="text-align: center;">-OR-</p> <ol style="list-style-type: none"> 3. Eight years of work experience in the inspection of electrical installations of which at least four years is of commercial, industrial, or multi-family structures as a certified inspector possessing a nationally recognized certification or its equivalent plus successful completion of the division's board-approved commercial electrical inspector practicum; <p style="text-align: center;">-AND-</p> <p style="text-align: center;">Pass a board-approved examination.</p>
<p>Plumbing Specialty Code Inspector (PI)</p>	<p>Inspects plumbing installations regulated by the Oregon Plumbing Specialty Code;</p> <p>Inspects plumbing installations regulated by the Oregon Residential Specialty Code; and</p> <p>May do plumbing plan reviews as provided in OAR 918-780-0040.</p>	<ol style="list-style-type: none"> 1. Two years of employment and experience as an Oregon journeyman plumber, plus successful completion of the division's board-approved commercial plumbing inspector practicum; <p style="text-align: center;">-OR-</p> <ol style="list-style-type: none"> 2. A licensed journeyman plumber, plus eight years' experience as a licensed journeyman plumber working on commercial, industrial, or multi-family structures, plus successful completion of the division's board-approved commercial plumbing inspector practicum; <p style="text-align: center;">-OR-</p> <ol style="list-style-type: none"> 3. Eight years of work experience in the inspection of plumbing installations of which at least four years is of commercial, industrial, or multi-family structures as a certified inspector possessing a nationally recognized certification or its equivalent plus successful completion of the division's board-approved commercial plumbing inspector practicum; <p style="text-align: center;">-AND-</p> <p style="text-align: center;">Pass a board-approved examination.</p>