



*A SunCam online continuing education course*

# Oregon Laws and Rules for Engineers

by

Mark Ludwigson



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Course Outline:

Oregon Revised Statutes  
ORS 672  
Oregon Administrative Rules  
OAR 820  
State Board  
Practice of Professional Engineering  
Responsible Charge  
Professions and Branches  
Professional Conduct  
Sign and Seal Requirements  
Continuing Education  
Helpful References  
Examination

Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

### **Oregon Revised Statutes**

State laws are enacted by the Oregon Legislative Assembly, made up of the Senate and House of Representatives. When a bill has passed in both chambers, it is transmitted to the Governor for signature and then becomes law. If the Governor vetoes the bill, the General Assembly must override a veto with a two-thirds vote in both the Senate and the House of Representatives for the bill to become law.



Passed bills are called acts. All acts are filed with the Secretary of State, who assigns Oregon Laws chapter numbers to each act. Staff in the Legislative Counsel's office insert the text of the new laws into the existing Oregon Revised Statutes (ORS) in the appropriate locations with annotations added, such as notes, cross-references, and legislative history.

The Oregon Revised Statutes contains 19 volumes covering a variety of subjects. The volume, title, and chapter for engineering is under the following organization:

- Volume 17: "Occupations"
  - Title 52: Occupations and Professions
    - Chapter 672: "Professional Engineers; Land Surveyors; Photogrammetrists; Geologists"

The chapter is cited as ORS 672.

See the "Helpful Resources" section for the website addresses with the latest laws, rules, and Board information.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**ORS 672**

The law dedicated to the practice of engineering in Oregon is ORS 672. It contains general requirements for engineers, surveyors, photogrammetrists, and geologists. It also gives authority to the Board to enact the laws and manage licensing.

The following is the contents of ORS 672, with **bold** sections being of particular importance for practicing professional engineers.

Chapter 672: Professional Engineers; Land Surveyors; Photogrammetrists; Geologists

PROFESSIONAL ENGINEERS, LAND SURVEYORS AND  
PHOTOGRAMMETRISTS

(Generally)

**672.002 Definitions for ORS 672.002 to 672.325**

**672.005 Additional definitions**

**672.007 Acts constituting practicing or offering to practice engineering, land surveying or photogrammetric mapping**

**672.020 Practice of engineering without registration prohibited; seal required**

672.025 Practice of land surveying without registration prohibited; seal required

672.028 Practice of photogrammetric mapping without registration prohibited; seal required

**672.045 Prohibited activities relating to practices of engineering, land surveying or photogrammetric mapping**

672.047 Right of entry by land surveyor; compensation for damages caused; notice; removal of survey markers

**672.060 Activities not requiring registration**

(Registration; Certificates)

672.090 Issuance of certificates by board; examinations

672.098 Minimum qualifications for registration as professional engineer

672.103 Examination waiver

672.107 Structural engineer registration for performing engineering services on significant structures; rules

672.109 Temporary permit to practice engineering; fee

672.126 Minimum qualifications for registration as professional land surveyor

672.136 Minimum qualifications for registration as photogrammetrist

672.143 Temporary permit to practice photogrammetric mapping; fee

672.146 Alternatives to degree requirements; rules

672.151 Notice to candidates of examination results



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- 672.153 Registration in new branch of profession; fee**
- 672.155 Establishment of fees by rule
- 672.157 Payment of fee required before issuance of certificate
- 672.159 Numbering and recording of certificates
- 672.162 Specification of branch**
- 672.168 Expiration date of certificates**
- 672.170 Renewal of certificate; increased fees for delinquent renewal**
- 672.180 Retiree exemption from registration renewal fees

(Discipline)

- 672.195 Grounds for refusal to register applicant
- 672.200 Grounds for suspension or revocation of certificate or permit or refusal to issue, restore or renew certificate or permit; grounds for reprimand**
- 672.210 Procedure for suspension or revocation of certificate, permit or enrollment; hearing; majority of board members required to take action; reinstatement
- 672.215 Proceedings to enjoin violations of ORS 672.002 to 672.325

(State Board)

- 672.240 State Board of Examiners for Engineering and Land Surveying; appointment; qualifications; officers
- 672.250 Term; certificate of appointment; oath; removal; vacancies
- 672.255 Rulemaking authority
- 672.300 Investigation of complaints
- 672.310 Investigation of identity of person claiming to be registered

(Civil Penalties)

- 672.325 Civil penalties

GEOLOGISTS

(Generally)

- 672.505 Definitions for ORS 672.505 to 672.705
- 672.515 Policy of ORS 672.505 to 672.705

(Certificates of Registration)

- 672.525 Geologist registration; public practice of geology
- 672.535 Exemptions from ORS 672.505 to 672.705



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- 672.545 Practice of geology by proprietorship, partnership or corporation; employment of nonregistered geologist; practice by other professionals; practice by nonresident
- 672.555 Application; qualifications for certificates of registration; rules
- 672.565 Certification in specialty; rules; professional affairs committees
- 672.575 Examination
- 672.585 Certificate of registration; renewal; fee; replacement
- 672.588 Continuing education programs; fee; rules
- 672.595 Registration of persons licensed in other jurisdictions
- 672.605 Seal of geologist

(State Board)

- 672.615 State Board of Geologist Examiners; members; powers
- 672.635 Record of board proceedings; roster
- 672.645 Appeals filed with board; service on administrator

(Professional Conduct)

- 672.655 Code of professional conduct
- 672.665 Charges against geologist
- 672.675 Grounds for reprimand, suspension, revocation or refusal to renew certificate
- 672.685 Reissuance of revoked certificate

(Civil Penalties)

- 672.690 Civil penalties

(Miscellaneous)

- 672.695 Public agencies required to contract with or for registered geologist
- 672.705 Fees

CRIMINAL PENALTIES

- 672.991 Penalties

Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

### **Oregon Administrative Rules**

State laws are often high-level and lack details required for implementation. The Oregon Legislative Assembly delegates state agencies to manage the implementation of laws and to create rules and regulations that complement the laws. The compilation of agency regulations is called the Oregon Administrative Rules (OAR). These regulations are enforceable just like state laws.



The regulations are made up of chapters from 101 to 976, each for a different department, division, board, council, or commission. Professional engineering is under Chapter 820 entitled "Board of Examiners for Engineering and Land Surveying". The board can make edits to the regulations in this chapter (OAR 820), provided they don't contradict ORS 672.

Note that there is a separate Chapter and separate board for geologists.

Administrative Rules are created by most agencies and some boards and commissions to implement and interpret their statutory authority.





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**OAR 820**

The following are the contents of OAR 820 with important sections in **bold** being of particular importance for practicing professional engineers.

Division 1 - PROCEDURAL RULES

- § 820-001-0000 - Rule Changes
- § 820-001-0005 - Contested Cases
- § 820-001-0010 - Requiring an Answer to Charges as Part of Notices to Parties in Contested Cases
- § 820-001-0015 - Hearing Request and Answers: Consequences of Failure to Answer
- § 820-001-0020 - Fees for Public Records and Publications
- § 820-001-0030 - Purchasing and Contracting
- § 820-001-0035 - Notice of Intent to Award
- § 820-001-0040 - Protests of Contract Award
- § 820-001-0100 - Request to Add New Branch
- § 820-001-0200 - Qualifications of Administrative Officer (Administrator)

Division 5 - DEFINITIONS

- § **820-005-0001 - Definitions**
- § 820-005-0005 - Board
- § **820-005-0015 - Certificate Authority**
- § **820-005-0020 - Digital Certificate**
- § **820-005-0025 - Digital Signature**
- § **820-005-0030 - Engineering - Practice**
- § **820-005-0036 - Engineering - Work**
- § 820-005-0040 - Examination Subversion
- § 820-005-0045 - Land Surveying - Practice
- § 820-005-0051 - Land Surveying - Work
- § **820-005-0055 - Multiple Registrant**
- § 820-005-0056 - Person
- § 820-005-0057 - NCEES Record
- § 820-005-0060 - Photogrammetric Mapping - Practice
- § 820-005-0066 - Photogrammetric - Work
- § **820-005-0070 - Professional Development Hour**
- § **820-005-0075 - Responsible Charge**
- § **820-005-0080 - Supervision and Control**
- § **820-005-0085 - Technician Work**
- § **820-005-1000 - Acronyms**





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Division 10 - LICENSING

- § 820-010-0505 - Biennial Renewal of Registration or Certification
- § 820-010-0510 - Registrants or Certificate Holders Qualified to Practice
- § 820-010-0520 - Registrants or Certificate Holders Not Qualified to Practice
- § 820-010-0530 - United States Military Registrants
- § 820-010-0610 - Certificates
- § 820-010-0615 - Posting of Certificates
- § 820-010-0620 - Renumbered
- § 820-010-0621 - Renumbered
- § 820-010-0622 - Renumbered
- § 820-010-0623 - Renumbered
- § 820-010-0635 - Continuing Professional Development
- § 820-010-0715 - Construction Contractors Offering Engineering
- § 820-010-0730 - Use of Title if Registered in Other Jurisdiction
- § 820-010-1000 - Qualifications for Registration as a Professional Engineer
- § 820-010-1010 - Principles and Practice of Engineering Examinations
- § 820-010-1020 - Education and Experience Requirements for Registration as a Professional Engineer
- § 820-010-1031 - Application for Temporary License as a Professional Engineer for Military Spouse or Domestic Partner
- § 820-010-2000 - Qualifications for Registration as a Professional Land Surveyor
- § 820-010-2010 - Oregon Specific Four-Hour Land Surveying Examination
- § 820-010-2020 - Education and Experience Requirements for Registration as a Professional Land Surveyor
- § 820-010-2031 - Application for Temporary License as a Professional Land Surveyor for Military Spouse or Domestic Partner
- § 820-010-3000 - Qualifications for Registration as a Professional Photogrammetrist
- § 820-010-3010 - Education and Experience Requirements for Registration as a Professional Photogrammetrist
- § 820-010-3020 - Photogrammetry Examination
- § 820-010-3031 - Application for Temporary License as a Registered Professional Photogrammetrist for Military Spouse or Domestic Partner
- § 820-010-4000 - Qualifications for Registration as a Structural Engineer
- § 820-010-4031 - Application for Temporary License as a Professional Structural Engineer for Military Spouse or Domestic Partner
- § 820-010-5000 - Qualification to Sit for Examination as a Water Right Examiner
- § 820-010-5010 - Qualification for Certification as a Water Right Examiner



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Division 15 - REGULATION

- § 820-015-0005 - Definitions
- § 820-015-0010 - Processing Complaints
- § 820-015-0026 - Failure to Comply with Continuing Professional Development Requirements
- § 820-015-0060 - Civil Penalty Factors
- § 820-015-0070 - Civil Penalties for Violations of ORS 92.040 to 92.080, 209.250, and County Ordinances

Division 20 - RULES OF PROFESSIONAL CONDUCT

- § 820-020-0005 - Preamble
- § 820-020-0015 - Registrants or Applicants for Registration or Certification Shall Hold Paramount the Safety, Health and Welfare of the Public in the Performance of their Professional Duties
- § 820-020-0020 - Registrants Shall Perform Services Only in the Areas of Their Competence
- § 820-020-0025 - Obligation of Registrants and Applicants to Issue Statements only in an Objective and Truthful Manner
- § 820-020-0030 - Obligation of Registrants and Applicants to Act in Professional Matters for Each Employer or Client as Faithful Agents or Trustees, and to Avoid Conflicts of Interest
- § 820-020-0035 - Obligation of Applicants or Registrants to Avoid Improper Solicitation of Professional Employment
- § 820-020-0040 - Oregon Specific Examination Subversion: Grounds for Invalidation of Examination Results
- § 820-020-0045 - Obligation Not to Engage in Unprofessional Behavior
- § 820-020-0050 - Address Changes; Service of Notice; and Name Changes
- § 820-020-0055 - Unprofessional Conduct

Division 25 - DIGITAL SEAL AND SIGNATURE

- § 820-025-0001 - Definitions
- § 820-025-0005 - Official Seal
- § 820-025-0010 - Official Seal - Digital Seal and Signature for Electronic Final Documents
- § 820-025-0015 - Final Documents
- § 820-025-0020 - Modifying Designs or Documents
- § 820-025-0025 - Dual Stamping Documents



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Division 30 - THE PRACTICE OF LAND SURVEYING

- § 820-030-0005 - Definitions
- § 820-030-0060 - Filing Time and Place
- § 820-030-0070 - Surveyor's Seal and Signature Required
- § 820-030-0080 - Survey Monument Marking

Division 40 - THE PRACTICE OF ENGINEERING

- § 820-040-0005 - Definitions**
- § 820-040-0010 - Electrical Engineering**
- § 820-040-0020 - Structural Engineering**
- § 820-040-0030 - Traffic Engineering**
- § 820-040-0040 - Geotechnical Engineering**

Division 50 - THE PRACTICE OF WATER RIGHT EXAMINATION

- § 820-050-0001 - Continuing Professional Development - Certified Water Right Examiner (CWRE)
- § 820-050-0010 - Continuing Professional Development Requirements: Failure to Comply

Division 80 - FEES

- § 820-080-0005 - Refunds and Charges
- § 820-080-0010 - Fees
- § 820-080-1000 - Budget



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**State Board**

The state agency for professional engineering is the *OREGON STATE BOARD OF EXAMINERS FOR ENGINEERING AND LAND SURVEYING (OSBEELS)* hereafter referred to as the Board. The Board oversees over 15,000 registrants including professional engineers and land surveyors. The board is given authority to manage and further regulate professional engineering. The Board can make modifications to OAR 820.

The board website (<https://www.oregon.gov/OSBEELS>) contains the following topic pages:

- News
- MyOSBEELS
- Obtaining a License
- Maintaining a License
- Rules & Statutes
- Public Resources
- Contact Us





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**Practice of Professional Engineering**

The following is a copy-paste of the relevant laws and rules that help define the practice of professional engineering:

ORS 672

**672.002 Definitions for ORS 672.002 to 672.325.**

As used in ORS 672.002 to 672.325, unless the context requires otherwise:

- (1) "Board" means the State Board of Examiners for Engineering and Land Surveying.
- (2) "Engineer," "professional engineer" or "registered professional engineer" means an individual who is registered in this state and holds a valid certificate to practice engineering in this state as provided under ORS 672.002 to 672.325.
- (3) "Engineering intern" means an individual enrolled by the board as having passed an examination in the fundamental engineering subjects.
- (4) "Geodetic survey" means a determination of the size and shape of the earth or the position of any point on the earth.
- (5) "Land surveyor," "professional land surveyor" or "registered professional land surveyor" means an individual who is registered in this state and holds a valid certificate to practice surveying in this state as provided by ORS 672.002 to 672.325.
- (6) "Land surveying intern" means an individual enrolled by the board as having passed an examination in the fundamental land surveying subjects.
- (7) "Photogrammetric mapping" means an evaluating and measuring of land that is limited to the determination of the topography, area, contours and location of planimetric features, by using photogrammetric methods or similar remote sensing technology, including but not limited to using existing ground control points incidental to the photogrammetric or remote sensing mapping process.
- (8) "Photogrammetrist" means an individual registered with the board and holding a valid certificate to practice photogrammetric mapping.
- (9) "Responsible charge" means to have supervision and control of:
  - (a) The engineering design of works with responsibility for design decisions;
  - (b) Land surveying work for the purpose of ensuring conformance to the relevant requirements of law and sound surveying practice; or
  - (c) Photogrammetric mapping project work, which may include, but need not be limited to, work regarding the extent of coverage, location of ground control, aerial photography or similarly remotely sensed data, the measurement of features detected by remote sensing equipment, quality control for compliance with standards and specifications and the presentation of findings.
- (10) "Supervision and control" means establishing the nature of, directing and guiding the preparation of, and approving the work product and accepting responsibility that the work product is in conformance with standards of professional



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

practice. [1971 c.751 §1; 1983 c.614 §1; 1995 c.33 §1; 1997 c.210 §1; 2005 c.22 §475; 2005 c.445 §6; 2009 c.259 §1; 2015 c.576 §9]

**672.005 Additional definitions.**

As used in ORS 672.002 to 672.325, unless the context requires otherwise:

(1) "Practice of engineering" or "practice of professional engineering" means any of the following when done for others:

(a) Performing a service or creating an original work requiring engineering education, training and experience.

(b) In connection with utilities, structures, buildings, machines, equipment, processes, works or projects, whether private or public, applying special knowledge of the mathematical, physical and engineering sciences to services or original works such as:

(A) Consultation;

(B) Investigation;

(C) Evaluation;

(D) Planning;

(E) Design; and

(F) Services during construction, manufacture or fabrication for the purpose of ensuring compliance with specifications and design.

(c) Surveying to determine area or topography.

(d) Surveying to establish lines, grades or elevations, or to determine or estimate quantities of materials required, removed or in place.

(e) Surveying required for design and construction layout of engineering and architectural infrastructure.

(f) Performing photogrammetric mapping.

(2) "Practice of land surveying" means doing any of the following:

(a) Providing or offering to provide for others professional services that apply mathematics, geodesy and other sciences and involve:

(A) The making of geometric measurements and gathering of related information pertaining to:

(i) The physical or legal features of the earth;

(ii) Improvements on the earth; or

(iii) The space above or below the earth; or

(B) The development of measurements and information described in subparagraph (A) of this paragraph into graphics, data, maps, plans, reports, descriptions, projects or other survey products.

(b) Performing geodetic surveys for others.

(c) Establishing, reestablishing or replacing boundaries or geodetic control monuments or reference points.

(d) Locating, relocating, establishing, reestablishing or retracing any property lines or boundaries for any tract of land, road right-of-way or easement.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(e) Making any survey for the division or subdivision of a tract of land or for the consolidation of tracts of land.

(f) Locating and laying out for others alignments, positions or elevations for the construction of fixed works.

(g) Performing or offering to perform for others any investigation, interpretation or evaluation of, or any consultation about, any of the services described in paragraphs (a) to (f) of this subsection.

(h) Collecting, preparing, manipulating or modifying data related to activities described in paragraphs (a) to (f) of this subsection for others, other than acting as a scrivener.

(i) Performing photogrammetric mapping for others.

(j) Making surveys that involve horizontal or vertical mapping control or geodetic control. [1971 c.751 §2; 1973 c.531 §1; 1977 c.620 §1; 1981 c.143 §2; 1991 c.339 §5; 1997 c.210 §2; 2005 c.445 §7; 2019 c.75 §1]

**672.007 Acts constituting practicing or offering to practice engineering, land surveying or photogrammetric mapping.**

For purposes of ORS 672.002 to 672.325:

(1) A person is practicing or offering to practice engineering if the person:

(a) By verbal claim, sign, advertisement, letterhead or card or in any other way implies that the person is or purports to be a professional engineer or registered professional engineer;

(b) Through the use of some other title implies that the person is a professional engineer or a registered professional engineer; or

(c) Bids to perform or performs commercial or professional service or work that is defined by ORS 672.005 as the practice of engineering.

(2) A person is practicing or offering to practice land surveying if the person:

(a) By verbal claim, sign, advertisement, letterhead or card or in any other way implies that the person is or purports to be a professional land surveyor or registered professional land surveyor;

(b) Through the use of some other title implies that the person is a professional land surveyor or registered professional land surveyor; or

(c) Bids to perform or performs commercial or professional land surveying service or work or any other service that is defined by ORS 672.005 as the practice of land surveying.

(3) A person is practicing or offering to practice photogrammetric mapping if the person:

(a) By verbal claim, sign, advertisement, letterhead, card or in any other way implies that the person is or purports to be a photogrammetrist, registered photogrammetrist or professional photogrammetrist;

(b) Through the use of some other title implies that the person is a photogrammetrist, registered photogrammetrist or professional photogrammetrist; or





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(c) Bids to perform or performs photogrammetric service or work or any other service that is defined by ORS 672.002 as photogrammetric mapping. [1971 c.751 §3; 1981 c.143 §3; 2003 c.14 §427; 2009 c.259 §2; 2019 c.75 §2]

**672.020 Practice of engineering without registration prohibited; seal required.**

(1) In order to safeguard life, health and property, no person shall practice or offer to practice engineering in this state unless the person is registered and has a valid certificate to practice engineering issued under ORS 672.002 to 672.325.

(2) Each registered professional engineer shall, upon registration, obtain a seal of the design authorized by the State Board of Examiners for Engineering and Land Surveying. Every final document including drawings, specifications, designs, reports, narratives, maps and plans issued by a registrant shall be stamped with the seal and signed by the registrant. The signature and stamp of a registrant constitute a certification that the document was prepared by the registrant or under the supervision and control of the registrant. [Amended by 1971 c.751 §6; 1995 c.33 §2; 1995 c.79 §339; 1997 c.210 §3]

...

**672.045 Prohibited activities relating to practices of engineering, land surveying or photogrammetric mapping.**

A person may not:

(1) Engage in the practice of engineering, land surveying or photogrammetric mapping without having a valid certificate or permit to so practice issued in accordance with ORS 672.002 to 672.325.

(2) Falsely represent, by any means, that the person is authorized to practice engineering, land surveying or photogrammetric mapping.

(3) Present or attempt to use the certificate or permit of another or the seal of another.

(4) Attempt to use an expired or revoked certificate or permit.

(5) Falsely impersonate any registrant of like or different name.

(6) Practice engineering, land surveying or photogrammetric mapping when not qualified.

(7) Buy, sell or fraudulently obtain any certificate or permit required by ORS 672.002 to 672.325.

(8) Aid or abet the buying, selling or fraudulently obtaining of any certificate or permit required by ORS 672.002 to 672.325.

(9) Engage in the practice of engineering, land surveying or photogrammetric mapping under cover of a certificate or permit obtained or issued fraudulently or unlawfully or under fraudulent representations or mistake of fact in a material regard.

(10) Give any false or forged evidence of any kind to the State Board of Examiners for Engineering and Land Surveying or to any member of the board in obtaining or attempting to obtain a certificate or permit required by ORS 672.002 to 672.325. [1971 c.751 §36; 2009 c.259 §4]





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**672.060 Activities not requiring registration.** Registration under ORS 672.002 to 672.325 is not required for the following:

(1) The performance of work as an employee or a subordinate of a registered professional engineer if:

(a) The work does not include final engineering designs or decisions;

(b) The work is done under the supervision and control of and is verified by a registered professional engineer; and

(c) The employee or subordinate does not by verbal claim, sign, advertisement, letterhead or card or in any other way imply that the employee or subordinate is or purports to be a professional engineer or registered professional engineer.

(2) The performance of engineering work by an employee, sole proprietorship, firm, partnership or corporation:

(a) On property owned or leased by the employer, sole proprietorship, firm, partnership or corporation, or on property in which the employer, sole proprietorship, firm, partnership or corporation has an interest, estate or possessory right; and

(b) That affects exclusively the property or interests of the employer, sole proprietorship, firm, partnership or corporation, unless the performance affects the health or safety of the public or an employee.

(3) The performance of engineering work by a person, or by full-time employees of the person, if:

(a) The engineering work is in connection with or incidental to the operations of the person; and

(b) The engineering work is not offered directly to the public.

(4) An offer by an employee, sole proprietorship, firm, partnership or corporation to perform engineering work if:

(a) The employer, sole proprietorship, firm, partnership or corporation holds a certificate of registration to engage in the practice of professional engineering issued by the proper authority of any other state, a territory or possession of the United States or a foreign country; and

(b) The offer includes a written statement that the offeror is not registered to practice engineering in the State of Oregon, but will comply with ORS 672.002 to 672.325 by having an individual holding a valid certificate of registration in this state in responsible charge of the work prior to performing any engineering work within this state.

(5) The offering by a construction contractor licensed under ORS chapter 701 of services constituting the performance of engineering work if:

(a) The services are appurtenant to construction services to be provided by the construction contractor;



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(b) The services constituting the practice of engineering are performed by an engineer or engineers registered under ORS 672.002 to 672.325; and

(c) The offer by the construction contractor discloses in writing that the contractor is not an engineer and identifies the engineer or engineers that will perform the services constituting the practice of engineering.

(6) The execution of engineering work designed by a professional engineer or the supervision of the construction of engineering work as a foreman or superintendent.

(7) The making of drawings or specifications for, or the supervision of the erection, enlargement or alteration of, a building, or an appurtenance thereto, if the building has a ground area of 4,000 square feet or less and is not more than 20 feet in height from the top surface of lowest flooring to the highest interior overhead finish of the structure. The exemption in this subsection does not apply to a registered professional engineer.

(8) The making of drawings or specifications for, or the supervision of the erection, enlargement or alteration of, a building, or an appurtenance thereto, if the building is to be used for a single family residential dwelling or farm building or is a structure used in connection with or auxiliary to a single family residential dwelling or farm building, including but not limited to a three-car garage, barn or shed or a shelter used for the housing of domestic animals or livestock. The exemption in this subsection does not apply to a registered professional engineer.

OAR 820

**820-005-0030**

**Engineering — Practice**

"Practice of engineering" refers to ORS 672.005 and 672.007.

**820-005-0036**

**Engineering — Work**

"Engineering work," is work performed after a person is 18 years old and involves work of a higher grade and responsibility than that defined as "technician work." Credit for engineering work will only be given for time worked such that persons performing work for more than one entity during a given period of time will not receive multiple credit for dates worked. Work performed in conjunction with a course of study provided by a community college, college, university, or any other



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

educational program, for which tuition or similar payment is made, credit is earned, or as a requirement of the program, will not be considered "engineering work."

**820-005-0055**

**Multiple Registrant**

"Multiple registrant" means a person who is registered as both a land surveyor and an engineer or is registered as an engineer in two or more disciplines.

**820-005-0056**

**Person**

"Person" as used in ORS 672.007(1)(c), (2)(c), and (3)(c) and ORS 672.045 subsections (1), (2), (4), (7), and (8), means individuals, corporations, associations, firms, partnerships, limited liability companies, and joint stock companies.

**820-005-0085**

**Technician Work**

"Technician work" means the time spent on work where the personal responsibility and technical knowledge required are small; that is, where the individual performance of a task, set and supervised by others, is all that is required. It shall also include all time spent in work before an applicant is 18 years old. "Technician work" does not include engineering work as described in OAR 820-005-0036, land surveying work as described in OAR 820-005-0051, or photogrammetric work as described in OAR 820-005-0066. Engineering "technician work" includes, but is not limited to, work as an inspector, a laboratory assistant, a design assistant, a survey technician, or a draftsman. Land Surveying "technician work" includes, but is not limited to, work as a survey technician, a draftsman, an instrument plotter, or computation work under close supervision and not requiring the exercise of judgment in survey or map design, or decisions on boundary location.

Photogrammetric mapping "technician work" includes but is not limited to, work as a photogrammetric mapping technician to perform technical photogrammetric or remote sensing tasks to extract spatial data from photographic imagery, digital imagery or other remotely-sensed data under close supervision and not requiring the exercise of judgment in project design or decisions related to authoritative photogrammetric measurements.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

### **820-005-1000**

#### **Acronyms**

- (1) ACCE — American Council for Construction Education;
- (2) ANSAC — Applied and Natural Science Accreditation Commission of ABET;
- (3) EAC — Engineering Accreditation Commission of ABET;
- (4) EI — Engineering Intern;
- (5) FE — Fundamentals of Engineering;
- (6) FLS — Fundamentals of Land Surveying;
- (7) LSI — Land Surveying Intern;
- (8) NCEES — National Council of Examiners for Engineering and Surveying;
- (9) ETAC — Engineering Technology Accreditation Commission of ABET;
- (10) PE — Professional Engineer;
- (11) PLS — Professional Land Surveyor;
- (12) RPP — Registered Professional Photogrammetrist;
- (13) CWRE — Certified Water Right Examiner.

### **820-010-0510**

#### **Registrants or Certificate Holders Qualified to Practice**

- (1) Active registrants or certificate holders authorized to engage in the professional practice of engineering, land surveying, photogrammetric mapping, or the professional activities of a certified water right examiner as defined in ORS Chapter 537 and OAR chapter 690, and who are current with regards to payment of application and biennial renewal fees and continuing Professional Development Hour (PDH) requirements, if applicable, may practice in their respective professions. These registrants maintain an “active status.”
- (2) Registrants or certificate holders with a “pending” status are authorized to engage in the professional practice of engineering, land surveying, photogrammetric mapping, or the professional activities of a certified water right examiner as defined in ORS Chapter 537 and OAR chapter 690.

### **820-010-0715**

#### **Construction Contractors Offering Engineering**

- (1) For the purpose of this rule, the following definitions apply:
  - (a) "Offering services" means manifesting a willingness to provide services, either orally or in writing, such that another person may reasonably believe that their assent to the services is invited and will establish an agreement.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(b) "Appurtenant" services are those services that relate to the construction trade, which include constructing, altering, repairing, or improving real estate.

(2) The engineer registration requirements of ORS 672.002 to 672.325 do not prevent a construction contractor from offering services constituting the practice of engineering when all of the following conditions are met:

(a) The construction contractor holds an active license under ORS 701;

(b) The services offered by the construction contractor, constituting the practice of engineering, are appurtenant to construction services to be provided by the contractor;

(c) The services constituting the practice of engineering are performed by an engineer or engineers registered under ORS 672.002 to 672.325; and

(d) The offer by the construction contractor discloses in writing that the contractor is not an engineer and identifies the registered engineer or engineers that will perform the services constituting the practice of engineering.

(3) An engineer performing or identified as an engineer that will perform the services constituting the practice of engineering as provided in subsection (2) of this rule must notify the Board in writing, within thirty (30) days if, after the contractor is retained by the owner, the engineer ceases to provide engineering services identified in the offer by the construction contractor.

(4) Construction contractors who violate any provision of this rule may be practicing engineering or using an engineer title in violation of ORS 672.020 and 672.045. As such, the contractor may be subject, under 672.325, to sanctions and civil penalties of up to \$1,000 per violation.

### **820-010-0730**

#### **Use of Title if Registered in Other Jurisdiction**

(1) A person who is not registered in Oregon as a professional engineer, but holds a substantially equivalent unexpired certificate of registration in another state, territory or possession of the United States, the District of Columbia, or a foreign country, may not use the titles, "professional engineer," "registered professional engineer," or any of their abbreviations or derivations unless the jurisdiction(s) in which they are registered is written/printed after the title so as not to mislead the public regarding their credentials.

(2) Other than as described in subsection (1) of this rule, no person may hold themselves out as a professional engineer in Oregon by use of the title "professional engineer," "registered professional engineer," or any of their abbreviations or derivatives;



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(3) Unless registered as a professional engineer in Oregon, no person may offer to practice professional engineering or engage in the practice of professional engineering, irrespective of how the person is titled or designated.

...

### **820-040-0005**

#### **Definitions**

(1) As used in ORS 672.060(7) and ORS 672.107(1)(c)(A)(ii), "Ground Area" is defined as any projected or suspended occupied areas above the ground level in combination with areas in contact with the ground. Measurements in determining the ground area shall be taken from outside wall to outside wall and include the sum of the areas of all additions and the area of the original structure. The ground area of a building, or portion thereof, not provided with surrounding exterior walls is the usable area under the horizontal projection of the roof or floor above.

(2) As used in ORS 672.060(7) and ORS 672.107(1)(c)(A)(ii), "Height" is measured from the top surface of the lowest flooring to the highest interior overhead finish of the structure in determining whether a building exceeds the 20-foot height limitation. A basement floor is considered the lowest flooring when useable (i.e., storage, garage, etc.).

(3) As used in ORS 672.107(1)(c)(A)(iv), the height of a structure is defined as the vertical dimension from the average ground level to the average roof height for sloped roofs or parapet height for flat roofs. In multi-level structures, utilize the upper roof only to determine the dimension.

(4) As used in ORS 672.060(7) and (8), "Appurtenance" means a separate structure that:

(a) Is subordinate to a single family residential dwelling, farm building, or building less than 4,000 square feet in ground area or 20 feet in height;

(b) Is itself no greater than 4,000 square feet in floor area; and,

(c) Is located on the same lot as the structure to which it is subordinate.

(d) "Appurtenance" includes but is not limited to:

(A) A retaining wall less than four feet in height, with level backfill, and not supporting any structure;

(B) Signage less than 15 feet in height and 50 square feet;

(C) Fences less than 12 feet in height;

(D) A carport, cabana, playhouse, or garden structure, no more than 20 feet in height and with vertical and horizontal structural elements primarily formed by a system of conventional, repetitive, wood or cold-formed steel framing members, and



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

a maximum roof span of 30 linear feet. For the purposes of this subsection, "Height" is measured from the top surface of the lowest flooring to the highest interior overhead finish of the structure in determining whether a building exceeds the 20-foot height limitation. A basement floor is considered the lowest flooring when useable (e.g., for storage, living space, appliances, etc.).

(e) "Appurtenance" does not include a single family residential dwelling, farm building, or building less than 4,000 square feet in ground area or 20 feet in height.

(5) "Professional service" or "professional services," as used in ORS 672.005, means providing labor in a commercial context or professional relationship, paid or unpaid, that does not produce a tangible commodity, but that requires a high level of training and proficiency.

(6) "Creative work," as used in ORS 672.005, applies to work provided in a commercial or professional context, paid or unpaid.

(7) "Engineer," when used alone and not as part of the phrases "professional engineer" or "registered professional engineer," in ORS 672.002, and in conjunction with ORS 672.007(1)(b) and 672.020 or 672.045, refers to when the word "engineer" is used to claim or imply that an individual is registered to perform engineering work in Oregon.

(8) "Purports to be able to perform," as used in ORS 672.007, refers to purporting within the context of an offer, bid, advertisement, client relationship, or claim to a building official.





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**Responsible Charge**

Engineering design work must be prepared under the supervision of a professional engineer with “responsible charge”, as described in the rules copied below. A typical project has multiple engineers in responsible charge, one for each design discipline (civil, structural, mechanical, electrical, etc.).

**ORS 672**

**672.002 Definitions for ORS 672.002 to 672.325.**

...

(9) “Responsible charge” means to have supervision and control of:

(a) The engineering design of works with responsibility for design decisions;

(b) Land surveying work for the purpose of ensuring conformance to the relevant requirements of law and sound surveying practice; or

(c) Photogrammetric mapping project work, which may include, but need not be limited to, work regarding the extent of coverage, location of ground control, aerial photography or similarly remotely sensed data, the measurement of features detected by remote sensing equipment, quality control for compliance with standards and specifications and the presentation of findings.

(10) “Supervision and control” means establishing the nature of, directing and guiding the preparation of, and approving the work product and accepting responsibility that the work product is in conformance with standards of professional practice. [1971 c.751 §1; 1983 c.614 §1; 1995 c.33 §1; 1997 c.210 §1; 2005 c.22 §475; 2005 c.445 §6; 2009 c.259 §1; 2015 c.576 §9]

**OAR 820**

**820-005-0075**

**Responsible Charge**

(1) "Responsible charge," as used in ORS 672.002(9), means to have supervision and control over engineering work, land surveying work, and photogrammetric mapping work, as evidenced by performing substantially the following:

(a) Establishing the manner or method by which services are rendered;

(b) Establishing quality controls for the services rendered;

(c) Communicating with clients;

(d) Reviewing designs, calculations, plans, surveys or maps;

(e) Supplying deficiencies found in or correcting errors contained in designs, calculations, plans, surveys or maps;





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- (f) Making changes to documents, including but not limited to, designs, plans, plats, surveys or maps; and
- (g) With respect to land surveying, reviewing field evidence and making final decisions concerning the placement of survey monuments and surveyed lines.

**820-005-0080**

**Supervision and Control**

(1) "Supervision and control," as used in ORS 672.002(10), means establishing the nature of, directing and guiding the preparation of, and approving the work product and accepting responsibility for the work product, as evidenced by performing the following:

- (a) Spending time directly supervising the work to assure that the person working under the licensee is familiar with the significant details of the work;
- (b) Providing oversight, inspection, observation and direction regarding the work being performed;
- (c) Providing adequate training for persons rendering services and working on projects under the licensee;
- (d) Maintaining readily accessible contact with the person providing services or performing work by direct proximity or by frequent communication about the services provided or the work performed. Communications between the licensee and persons under the licensee's supervision and control include face-to-face communications, electronic mail, and telephone communications and similar, other communications that are immediate and responsive; and
- (e) Applying the licensee's seal and signature to a document.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

NSPE

Responsible charge is also defined in a National Society of Professional Engineers (NSPE) reference document, and copied below for convenience.

NSPE Position Statement No. 10-1778

- Defines “**responsible charge**” as the direct control and personal supervision of engineering work.
- The professional engineer in **responsible charge** is actively engaged in the engineering process, from conception to completion.
- Engineering decisions must be personally made by the professional engineer or by others over which the professional engineer provides supervisory direction and control authority.
- Reviewing drawings or documents after their completion without involvement in the design and development process appears not to satisfy the definition of **responsible charge**.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

### **Professions and Branches**

There are separate and distinct licenses for the following professions regulated by the same board:

- Professional Engineer
- Land Surveyor
- Professional Photogrammetrist
- Certified Water Right Examiner

The following branches/disciplines of engineering are recognized:

- Electrical Engineering
- Structural Engineering
- Traffic Engineering
- Geotechnical Engineering

Engineering branch names are listed on certificates after term “especially qualified in” or “especially qualified discipline”. For structural engineers, the term “structural” is to be added at the top of the seal. For traffic engineers, a diamond shape seal is to be used with PTE and “traffic engineer” included.

Professional engineers should only undertake assignments when qualified by education or experience in the specific technical fields and only sign and seal documents for subject matter in which they lack competence.

### **ORS 672**

#### **672.107 Structural engineer registration for performing engineering services on significant structures; rules.**

(1) For purposes of this section:

(a) “Essential facility” means Risk Category IV buildings and structures, as defined in “Risk Category of Buildings and Other Structures,” Table 1604.5 of the Oregon Structural Specialty Code.

(b) “Hazardous facility” means structures housing, supporting or containing sufficient quantities of toxic or explosive substances to be of danger to the safety of the public if released.

(c)(A) “Significant structure” means:

(i) Hazardous facilities and special occupancy structures;



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(ii) Essential facilities that have a ground area of more than 4,000 square feet or are more than 20 feet in height;

(iii) Structures that the Director of the Department of Consumer and Business Services determines to have irregular features; and

(iv) Buildings that are customarily occupied by human beings and are more than four stories or 45 feet above average ground level.

(B) "Significant structure" does not mean:

(i) One-family and two-family dwellings and accompanying accessory structures;

(ii) Agricultural buildings or equine facilities, both as defined in ORS 455.315; or

(iii) Buildings located on lands exempt from Department of Consumer and Business Services enforcement of building code regulations.

(d) "Special occupancy structure" means Risk Category III buildings and structures, as defined in "Risk Category of Buildings and Other Structures," Table 1604.5 of the Oregon Structural Specialty Code.

(2) Consistent with ORS 672.255, the State Board of Examiners for Engineering and Land Surveying shall adopt rules establishing standards of competence in structural engineering analysis and design relating to seismic influence.

(3) An engineer may not provide engineering services for significant structures unless the engineer possesses a valid professional structural engineer certificate of registration issued by the board.

## OAR 820

### **820-020-0020**

#### **Registrants Shall Perform Services Only in the Areas of Their Competence**

(1) Registrants shall undertake assignments only when qualified by education or experience in the specific technical fields of engineering or land surveying involved.

(2) Registrants shall not affix their signatures or seals to any plans or documents dealing with subject matter in which they lack competence, nor to any such plan or document not prepared under their direction and control.

### **820-040-0010**

#### **Electrical Engineering**

(1) "Electrical engineering" is the design of the electric power, control, and fire and life safety systems with the following electrical services:

(a) Below 250 volts, 96 Kva and above;

(b) Above 250 volts, and less than 600 volts, 150 Kva and above;



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- (c) Above 600 volts.
- (2) Example where the services of a registered engineer may be required include the design of electrical systems for the following:
- (a) Hospitals;
  - (b) Nursing Homes;
  - (c) Homes for Aged (with medical care and/or central dining facilities);
  - (d) Retirement Homes (with medical care and/or central dining facilities);
  - (e) Auditoriums (includes Concert Halls and Assembly Places for 100 or more persons);
  - (f) Schools;
  - (g) Gymnasiums;
  - (h) Fraternal Buildings;
  - (i) Structures under the purview of UBC 1807 with Oregon amendments;
  - (j) Multi-family Dwellings;
  - (k) Planned Unit Developments;
  - (l) Retail Stores;
  - (m) Office Buildings.
- (3) The Board recognizes that there may be some electrical systems in the above listed structures, which are not sufficiently complex to require the services of a registered engineer. These systems may be submitted to the Board prior to issue of a building permit, and the requirement for a registered engineer may be waived.
- (4) The design of electrical systems for the following structures are exempted from the requirements of subsection (1) of this rule:
- (a) Duplex dwellings and structures used in connection with or auxiliary to a single-family dwelling or a duplex dwelling.
  - (b) Farm buildings and structures used in connection with or auxiliary to a farm building, public, commercial, industrial, or storage buildings where electric power use is limited to general purpose lighting, branch circuits not exceeding 60 amps, and the voltage not exceeding 250 volts.
  - (c) Any electrical contractor whose practice includes the installation and fabrication of electrical systems which they install by virtue of a license issued under ORS 479.510 to 479.990, which requires an aggregate service capacity below that defined in subsection (1) of this rule is exempted from the requirements of subsection (1) of this rule.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**820-040-0020****Structural Engineering**

"Structural Engineering" means that branch of professional engineering that provides analysis, design, evaluation or review of structures or their elements, parts or systems for support of external forces such as gravity, lateral loading, temperature, seismic influence, etc.

(1) Structural engineering services for significant structures, as referred to in ORS 672.002 to 672.325, shall mean structural engineering for the primary structural frame or load resisting system and its elements or parts. The primary frame shall be that portion of the structure, which provides the overall stability of the structure. Elements, components, or parts of the structure, which are not part of the primary frame do not require the services of a professional structural engineer.

(2) A "Structural Engineer" is a registered professional engineer who passes a structural engineering examination recognized by the Board and meets the other necessary qualifications for registration under ORS 672.002 to 672.325.

**820-040-0030****Traffic Engineering**

(1) "Traffic Engineering" is that branch of engineering which applies technology, science, and human factors to the planning, design, operations, and management of roads, streets, bikeways, highways, their networks, terminals, and abutting lands. Its objective is to provide for the safe, rapid comfortable, economical, convenient, and environmentally compatible movement of people, goods and services. Traffic engineering embraces studies and activities in connection with roads, streets, and highway traffic controls, which include signs, signals, lighting, pavement markings, and the following:

- (a) The planning, use, and design of traffic control devices and systems;
- (b) The use of algorithms for the operation of traffic control system;
- (c) The operational adjustment of traffic control devices and systems;
- (d) The preparation of traffic engineering reports;
- (e) The planning of traffic systems and networks, including environmental impacts, predictions of future needs, and interface with other modes of transportation;
- (f) Traffic related engineering economic feasibility studies;
- (g) The conduct of investigations and the preparation of recommendations relating to safety measures and improvements to be applied to highways including intersections, ramps, and railroad crossings;
- (h) Interrelationships of highways to other travel modes and abutting lands;



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- (i) The operational and geometric design of roads, streets, bikeways, and highways.
- (2) Functional Areas: Four areas have been identified as functional classifications within traffic engineering. Each of the functional areas is further described as follows:
- (a) "Traffic operations" is the science of analysis, review, and application of traffic data systems, including accident and surveillance records, and volume and other data gathering techniques necessary for traffic planning. It includes the knowledge of operational characteristics of persons and vehicles to determine the need for installation of traffic control devices, and the treatment of the functional characteristics of the controls such as traffic signal timing. It includes the assessment of vehicular and human factors, their relationship with other traffic characteristics, the determination of safe transportation systems, and the need for inherently safe features and controls;
- (b) "Traffic design" consists of the design of traffic control devices and operational design. Traffic control device design includes those activities necessary to determine the appropriate and proper application of signs, pavement markings, signals, and signal systems, as well as to determine their location, and, if necessary, construction methods. It includes the preparation of plans, specifications, and estimates for the installation or modification of the various devices. Operational design concerns the visible features of a roadway. It may be thought of as the tailoring of the highway to the terrain, to the urban landscape, and to the requirements of the roadway user. It deals with such roadway elements as cross section, curvature, sight distance, channelization, and clearances, and thus depends directly on traffic flow characteristics;
- (c) "Traffic planning" includes the determination of travel pattern of persons and goods based upon engineering judgments derived from the study and analysis of traffic characteristics involving present, future, and potential land-use plans; and recommendations for transportation systems and networks of roadways. Traffic planning may include origin and destination studies; functional classification plans; travel forecasts; system, land or mode capacity studies; trip generation and distribution; modal split; traffic assignment; terminal and route location; and economic analysis. The prime responsibility of the traffic planner is to determine travel patterns and networks in concert with the several modes of transportation and their terminals;
- (d) "Traffic engineering research" includes the investigation of theoretical and applied aspects of all areas of traffic engineering for the purpose of developing new knowledge, new interpretations, and new applications. Traffic research may include hypothetical testing; impact studies; development of traffic hardware; theory



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

formulation; methods of analysis, synthesis, and evaluation of existing phenomena and knowledge; and development of objectivity and thoroughness so that the validity of research findings can be demonstrated.

**820-040-0040**

**Geotechnical Engineering**

(1) Geotechnical engineering is defined as the investigation and the evaluation of the physical and engineering properties of earth materials, such as soil and rock, including impacts of ground water and earthquakes, and their application to the design and construction of civil engineering works, such as foundations, earth dams, retaining walls, and similar, using soil and rock mechanics and earthquake engineering principles and related engineering laws, formula, and procedures. Further, the practice involves the application of soil and rock mechanics and related engineering laws and procedures to an evaluation of the performance of constructed civil engineering works as influenced by earth materials, groundwater, and earthquakes and to an evaluation of the performance, including stability, of natural and man-made slopes, including man-made fills and embankments, and for the design of mitigation measures to reduce risk and/or hazards as disclosed by the evaluation.

(2) A "geotechnical engineer" is a registered professional engineer recognized by the Board to practice geotechnical engineering and who meets the other necessary qualifications for registration under ORS 672.002 to 672.325.





Oregon Laws and Rules for Engineers  
A SunCam online continuing education course

## **Professional Conduct**

The following laws and rules help define proper professional conduct.

### **ORS 672**

**672.200 Grounds for suspension or revocation of certificate or permit or refusal to issue, restore or renew certificate or permit; grounds for reprimand.** The State Board of Examiners for Engineering and Land Surveying may suspend, revoke or refuse to issue, restore or renew a certificate or permit, or may reprimand an individual enrolled as an intern or holding a certificate or permit:

- (1) For violating any provision of ORS 672.045;
- (2) For gross negligence, negligence or incompetence in the practice of engineering, land surveying or photogrammetric mapping;
- (3) Subject to ORS 670.280, for conviction of a felony;
- (4) For conviction of a misdemeanor involving the practice of engineering, land surveying or photogrammetric mapping;
- (5) For failing to pay a civil penalty or fee in the manner prescribed by a final order of the board, or for failing to meet any other term of a final order of the board; or
- (6) For violating a rule of professional conduct prescribed by the board.

[Amended by 1971 c.751 §21; 1981 c.143 §9; 1991 c.221 §3; 1995 c.33 §6; 2009 c.259 §15; 2013 c.169 §1]

### **OAR 820**

#### **820-020-0005**

##### **Preamble**

- (1) In order to safeguard life, health and property, to promote the public welfare, and to establish and maintain a high standard of integrity and practice, the following Rules of Professional Conduct shall be binding on:
  - (a) Any individual holding a certificate of registration, or a temporary authorization, or enrolled as an intern.
  - (b) Any individual submitting an application to the Board for a certificate of registration or for enrollment as an intern.
- (2) All persons registered or applying for registration or enrollment under ORS 672.002 to 672.325 are charged with having knowledge of these Rules of



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Professional Conduct, and are deemed to be familiar with their provisions and to understand them. Such knowledge encompasses the understanding that the practice of engineering, land surveying, and photogrammetric mapping is a privilege and not a right.

(3) In these Rules of Professional Conduct, the word "registrant" means any person holding a license or certificate issued by this Board.

**820-020-0015**

**Registrants or Applicants for Registration or Certification Shall Hold Paramount the Safety, Health and Welfare of the Public in the Performance of their Professional Duties**

(1) Registrants shall at all times recognize that their primary obligation is to protect the safety, health, property and welfare of the public. If their professional judgment is overruled under circumstances where the safety, health, property or welfare of the public are endangered, they shall notify their employer or client and such other authority as may be appropriate.

(2) Registrants shall approve and seal only those design documents and surveys which are safe for public health, property and welfare in conformity with accepted engineering and land surveying standards.

(3) Registrants shall not reveal facts, data or information obtained in a professional capacity without the prior consent of the client, or employer except as authorized or required by law.

(4) Registrants shall not permit the use of their name or firm name nor associate in business ventures with any person or firm which they have reason to believe is engaging in fraudulent or dishonest business or professional practices.

(5) Registrants or applicants for registration or certification having knowledge of any alleged violation of any of these Rules of Professional Conduct, shall cooperate with the Board in furnishing such information or assistance as may be required.

(6) Conviction of a felony without restoration of civil rights, or discipline of the license of a registrant in another jurisdiction, if for a cause which in the State of Oregon would constitute a violation of ORS 672.020 to 672.310 or of these rules, shall be grounds for a charge of violation of these rules.

(7) Registrants shall continue their professional development throughout their careers; and they shall provide opportunities for the professional development of individuals under their supervision. The Board may require, as a condition for license renewal, that registrants provide documentation to support actions taken to maintain their professional competency.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(8) Registrants or applicants for registration or certification shall cooperate with the Board on all matter subject to the Board's jurisdiction.

**820-020-0025**

**Obligation of Registrants and Applicants to Issue Statements only in an Objective and Truthful Manner**

(1) Registrants and applicants must be objective and truthful and include all relevant and pertinent information in all professional reports, statements or testimony, applications for registration and enrollment as an intern, and references on applications for registration and enrollment.

(2) Registrants may express a professional opinion on technical subjects only when that opinion is founded upon adequate knowledge of the facts and the registrant is competent in the subject matter.

**820-020-0030**

**Obligation of Registrants and Applicants to Act in Professional Matters for Each Employer or Client as Faithful Agents or Trustees, and to Avoid Conflicts of Interest**

(1) For purposes of this section, "applicant" means an applicant who is registered in another jurisdiction.

(2) Registrants and applicants for registration or certification shall act for each employer or client as faithful agents or trustees and at all times strive to serve the public interest.

(3) Registrants and applicants for registration or certification shall disclose all known or potential conflicts of interest to their employers or clients by promptly informing them, in writing, of any business association, interest, or other circumstances that could influence or appear to influence their judgment or the quality of their services. For purposes of this rule, a "conflict of interest" includes, but is not limited to, an interest in any property or any other thing of value, other than their compensation from that employer, that is related in any way to or potentially affected by the services that the registrant provides.

(4) Registrants and applicants for registration or certification shall not be influenced in their professional duties by conflicting interests.

(5) A registrant or applicant for registration or certification shall not accept compensation, financial or otherwise, directly or indirectly, from more than one party for services on the same property, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all parties, in



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

writing. For the purposes of this subsection, forgiveness of debt is considered compensation.

(6) A registrant or applicant for registration or certification who is a member, advisor or employee of a governmental body shall not participate in decisions made by that governmental body with respect to professional services solicited from or provided by that individual or a business or firm that employs the individual or in which the individual holds an ownership interest and through which the individual offers or provides professional services. This subsection does not apply to County Surveyors carrying out their duties under ORS 209.070(5) and (6).

(7) A registrant or applicant for registration or certification may not solicit or accept employment or a contract for professional services from a governmental body for which that individual's associate is a member or officer unless the individual discloses all pertinent facts and circumstances of the individual's relationship to the individual's associate and the governmental body provides written consent. For purposes of this rule, an "individual's associate" refers to an individual's employer or an owner or officer of a business or firm that employs the individual or in which the individual holds an ownership interest and through which the individual offers or provides professional services.

### **820-020-0035**

#### **Obligation of Applicants or Registrants to Avoid Improper Solicitation of Professional Employment**

(1) An applicant or registrant may not misrepresent or permit misrepresentation of the academic or professional qualifications of the applicant or registrant, another registrant, or a registrant's associate. For purposes of this rule, a "registrant's associate" refers to a registrant's employer or an owner or officer of a business or firm that employs the registrant or in which the registrant holds an ownership interest and through which the registrant offers or provides professional services.

(2) An applicant or registrant may not misrepresent or exaggerate the responsibility for performance of prior assignments by the applicant or registrant, by any other registrant, or by a registrant's associate.

(3) An applicant who is registered in another jurisdiction or a registrant may not offer, give, solicit or receive, either directly or indirectly, any commission or gift or other valuable consideration in order to secure work.

(4) An applicant who is registered in another jurisdiction or a registrant may not make any political contribution intended to influence the award of a contract by a governmental body.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**820-020-0045**

**Obligation Not to Engage in Unprofessional Behavior**

(1) An applicant or registrant will not, by word or conduct, act in a manner intended to place a client, another registrant, a board member, a board employee, an examination proctor, or any other person with whom the registrant interacts in a professional capacity, in fear of imminent serious physical injury.

(2) An applicant or registrant will not engage in reckless, knowing or willful conduct that causes serious physical injury to a client, another registrant, a board member, a board employee, an examination proctor, or any other person with whom the registrant interacts in a professional capacity.

(3) An applicant or registrant must make timely and full payment to the Board of all Board assessed fees, fines and penalties.

(4) An applicant or registrant must give written notification to the Board of any disciplinary action or sanction related to the practice of engineering, land surveying, or photogrammetric mapping imposed by any licensing agency within 45-days of the final order being issued.

(5) An applicant or registrant will not assist or aid the unsupervised or unlawful practice of engineering, land surveying, or photogrammetric mapping.

**820-020-0050**

**Address Changes; Service of Notice; and Name Changes**

(1) It is the registrant's responsibility to inform the Board in writing, within 30-days, of any address change.

(2) As of November 13, 2015, notice by registered or certified mail to the registrant's last address on file with the Board shall constitute legal service.

(3) It is the registrant's responsibility to inform the Board in writing, within 60-days, of any name change. A certified copy of documentation showing current legal name must be submitted.

(4) The Board shall provide an acknowledgement of any address or name change.

**820-020-0055**

**Unprofessional Conduct**

Incompetence, negligence or gross negligence in the practice engineering, land surveying, or photogrammetric mapping is unprofessional conduct.



Oregon Laws and Rules for Engineers  
A SunCam online continuing education course

### Sign and Seal Requirements

Engineering seal and signature requirements are found in AOR 820-025. Here are highlights that may differ from requirements in other states:

- Seal outer diameter of minimum 2"
  - 1/4" size tolerance allowed
- Seal includes date of registration
- Add expiration/renewal date either on seal or had written below with label
- Hand sign through the middle of the seal
- For multipage specifications and reports, it is acceptable to only seal the title page, index page, or a seals page
- Drawings require sealing every sheet
- Acceptable forms of signatures:
  - Original (hand) sign and seal (rubber inked or printed image)
  - Digital signature requirements:
    - Digital seal image with text "DIGITALLY SIGNED" through the middle
    - Unique to registrant
    - Independently verifiable by a Certificate Authority (3rd Party)
    - Under the sole control of the registrant
    - Invalidated if any data in the document is changed



EXPIRES: or  
RENEWS:

### Laws and Rules

The following is a copy-paste of the relevant laws and rules:





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

OAR 820

**820-020-0015**

**Registrants or Applicants for Registration or Certification Shall Hold Paramount the Safety, Health and Welfare of the Public in the Performance of their Professional Duties**

...

(9) Registrants must apply a seal of the type, kind, size and wording, and affix their signature as required by OAR 820-025-0005.

(10) Registrants must affix a seal and sign any final document prepared under their supervision and control. Any document not clearly marked as a preliminary document under OAR 820-025-0015(2) is a final document that must bear the seal and signature of the registrant under whose supervision and control the document was prepared.

**820-025-0001**

**Definitions**

(1) "Digital signature" means a type of electronic signature that transforms a message through the use of an algorithm or series of algorithms that provide a key pair, private and public, for signor verification, document security and authentication.

(2) "Certificate Authority" is the trusted third party that issues and manages digital certificates (private and public keys) for digital signatures.

(3) "Digital certificate" is required to affix a digital signature, for the recipient to verify the identity of the signor, and for the recipient to verify that the contents of the document have not been altered since the signature was affixed.

**820-025-0005**

**Official Seal**

(1) Seals, as referenced by ORS 672.020(2) and 672.025(2), must be legible and contain the printed name of the registrant, the date of registration, the number of the registrant's certificate of registration, and the registrant's professional title. The registrant's printed name on the seal will be exactly the same as the registrant's name on file with the Board.

(2) The size of the seal must be at least 2 inches from point to point. The design and content of the seal will be an exact replica, in style, of the examples shown in Exhibit 1 (Official Seals) for the profession or branch of the profession in which the registrant is licensed. The expiration or renewal date may be made part of the seal.





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

If the expiration or renewal date is not made part of the seal, it must be handwritten, in permanent ink, after the word "Expires" or "Renews." Reduced or enlarged seals are not permitted on final documents. In addition to these requirements, registrants will use the following seals:

(a) Professional engineers holding a structural engineering certificate will use the seal with the designation "Structural" above the words "Registered Professional Engineer," as shown in Exhibit 1-b. Other registered professional engineers will use the seal shown in Exhibit 1-a; [Exhibit not included. See ED. NOTE.]

(b) Registered professional traffic engineer, who may practice only traffic engineering will use the seal shown in Exhibit 1-f; [Exhibit not included. See ED. NOTE.]

(c) Registered professional land surveyors will use the seal shown in Exhibit 1-c; [Exhibit not included. See ED. NOTE.]

(d) Registered professional photogrammetrists will use the seal shown in Exhibit 1-d; [Exhibit not included. See ED. NOTE.]

(e) Registered water right examiners will use the seal shown in Exhibit 1-e. [Exhibit not included. See ED. NOTE.]

(3) The seal may be applied to a document by rubber stamp or it may be computer-generated onto the document.

(4) The registrant will sign through the middle of the seal or in the place on the seal as indicated for signature, in handwriting, and in permanent ink.

(5) A digital signature, for final documents is acceptable as an alternative to a handwritten signature in permanent ink if the digital signature:

(a) Is unique to the registrant using it;

(b) Is independently verifiable by a Certificate Authority (3rd Party);

(c) Is under the sole control of the registrant using it;

(d) Is linked to the document in such a manner that the digital signature is invalidated if any data in the document is changed; and

(e) Bears the phrase "digitally signed" in place of a handwritten signature.

(6) Only individuals registered as professional engineers, professional traffic engineers, professional land surveyors, professional photogrammetrists, or certified water rights examiners may use a seal with a shape, form or wording similar to those shown in Exhibit 1. Using such a seal without registration constitutes falsely representing that the person is authorized to practice the profession.

[ED. NOTE: Exhibits referenced are available from the agency.]



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**820-025-0010**

**Official Seal – Digital Seal and Signature for Electronic Final Documents**

(1) A “Digital Seal and Signature” is a signature and electronic authentication process that is attached to an electronic document.

(2) A “Digital Seal and Signature” is not a photocopy, scanned copy, or other facsimile of a signed and sealed hard copy document, nor is it a copy or facsimile of a rubber stamp seal and ink signature, nor is it a copy of a computer-generated image of a seal and ink signature. Seals and signatures described in this subsection (2) of the rule are not allowed on final documents.

(3) For electronic final documents, a “Digital Seal and Signature” (“digital signature”) is acceptable as an alternative to a stamped or computer-generated image of a seal with handwritten signature in permanent ink, if:

(a) The digital signature is unique to the registrant using it;

(b) The digital signature is independently verifiable by a Certificate Authority (3rd Party);

(c) The digital signature is under the sole control of the registrant using it;

(d) The digital signature is linked to the document in such a manner that the digital signature is invalidated if any data in the document is changed;

(e) The electronic file that is the final electronic document contains one digital signature that is permanently linked to it; and,

(f) The computer-generated image of a seal must be of a stamp as described in OAR 820-025-005(1) and (2), and must be at least 2 inches from point to point when the page is printed;

(g) For final electronic files containing a single page, the registrant affixes a computer-generated image of a stamp that bears the phrase “digitally signed” in lieu of and in the location designated for a hand-written signature on that page. The computer-generated image of the stamp must be of a stamp as described in OAR 820-025-0005(1) and (2), and must be at least 2 inches from point to point when the page is printed; and,

(h) For final electronic files containing multiple pages, the registrant affixes a computer-generated image of a stamp that bears the phrase “digitally signed” in lieu of and in the location designated for a hand-written signature to the title page, an index page, or a seals page. The computer-generated image of the stamp must be of a stamp as described in OAR 820-025-0005(1) and (2), including the size prescribed in OAR 820-025-0005 when the page is printed to full size.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**820-025-0015****Final Documents**

(1) All final documents identified in ORS 672.020(2), 672.025(2), and 672.028(2) must bear the seal and signature of the registrant under whose supervision and control they were prepared.

(2) Documents that are not final documents must be marked as "preliminary", "not for construction", "review copy", "draft copy, subject to change", or with some similar wording to indicate that the documents are not intended to represent the final work product of the registrant. Documents submitted to a client, customer, public entity, or any other person, are final documents and must bear the seal and signature of the registrant under whose supervision and control they were prepared, unless such document is clearly marked as not a final document.

**820-025-0020****Modifying Designs or Documents**

(1) Documents prepared and sealed by a Professional Engineer may be modified only when all of the following requirements are met:

(a) Only a Professional Engineer or Registered Architect if within the scope of practice of architecture and if competent by education or experience, can modify designs or documents prepared and sealed by a Professional Engineer.

(b) A Professional Engineer shall only modify another Professional Engineer's design or document if they are competent by education or experience.

(c) The Professional Engineer modifying another Professional Engineer's design or document shall cloud, encircle, or in some other way clearly indicate the portion of the design or document they are revising and refer the viewer to a separate design or document.

(d) The Professional Engineer making the design revisions shall seal and sign the separate design or document.

(e) A Professional Engineer modifying designs or documents not sealed must provide all the engineering services that would have been required had they started the work from its origin.

(2) Professional Engineers modifying designs or documents prepared by an unlicensed person for an exempt structure must do the following:

(a) The Professional Engineer modifying the design or document shall cloud, encircle, or in some other way clearly indicate the portion of the design or document they are revising and refer the viewer to a separate design or document.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(b) The Professional Engineer making the design revision shall seal and sign the separate design or document.

(3) A Professional Engineer may modify a Registered Architect's documents as follows:

(a) The Professional Engineer shall only modify a Registered Architect's documents if within the scope of practice of engineering and if competent by education and experience.

(b) The Professional Engineer modifying a Registered Architect's documents shall make modifications on separate documents that clearly indicate the portion of the Registered Architect's documents being modified.

(c) The Professional Engineer modifying a Registered Architect's documents shall seal and sign the separate documents that provide the modifications.

**820-025-0025**

**Dual Stamping Documents**

No more than one registrant will seal documents unless it is clearly explained and denoted on the document by all registrants which portion of the work each registrant prepared and for which each registrant is responsible.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

Board Website

<https://www.oregon.gov/osbeels/maintaining/Pages/Seals-and-Signatures.aspx>

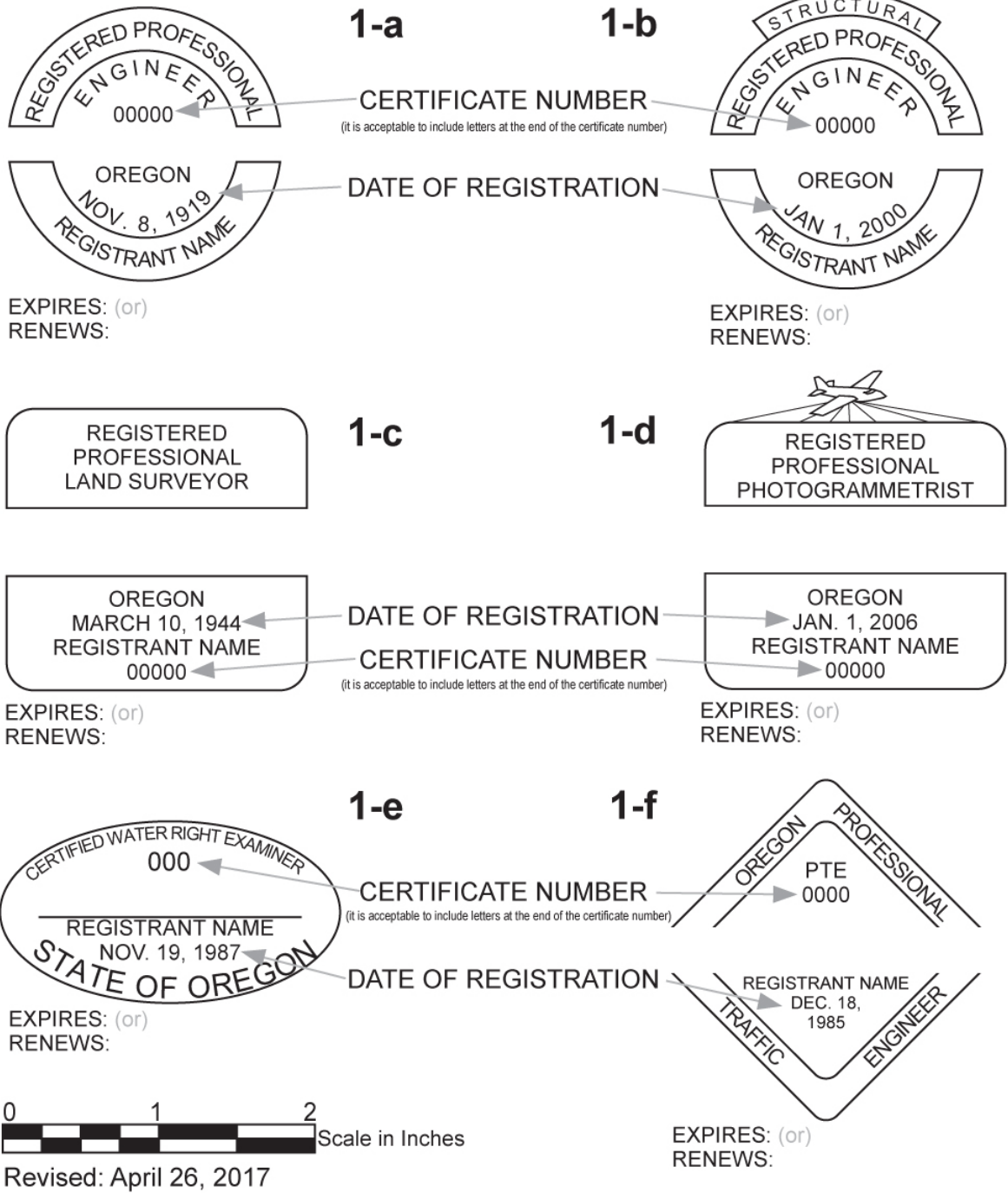
**When you apply your official seal and signature to a document, you are attesting that:**

- Your license or registration is in active status
- You were in responsible charge over the engineering work, land surveying work, and photogrammetric mapping work, as evidenced by performing substantially the following:
  - Establishing the manner or method by which services are rendered;
  - Establishing quality controls for the services rendered;
  - Communicating with clients;
  - Reviewing designs, calculations, plans, surveys or maps;
  - Supplying deficiencies found in or correcting errors contained in designs, calculations, plans, surveys or maps;
  - Making changes to documents, including but not limited to, designs, plans, plats, surveys or maps; and
  - With respect to land surveying, reviewing field evidence and making final decisions concerning the placement of survey monuments and surveyed lines.
- "Supervision and control" means establishing the nature of, directing and guiding the preparation of, and approving the work product and accepting responsibility for the work product, as evidenced by performing the following:
  - Spending time directly supervising the work to assure that the person working under the licensee is familiar with the significant details of the work;
  - Providing oversight, inspection, observation and direction regarding the work being performed;
  - Providing adequate training for persons rendering services and working on projects under the licensee;
  - Maintaining readily accessible contact with the person providing services or performing work by direct proximity or by frequent communication about the services provided or the work performed. Communications between the licensee and persons under the licensee's supervision and control include face-to-face communications, electronic mail, and telephone communications and similar, other communications that are immediate and responsive; and
  - Applying the licensee's seal and signature to a document.



Oregon Laws and Rules for Engineers  
A SunCam online continuing education course

Exhibit 1 Figure:







Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

For electronic final documents, a “Digital Seal and Signature” (“digital signature”) is acceptable as an alternative to a stamped or computer-generated image of a seal with handwritten signature in permanent ink, if:

- The digital signature is unique to the registrant using it;
- The digital signature is independently verifiable by a Certificate Authority (3rd Party);
- The digital signature is under the sole control of the registrant using it;
- The digital signature is linked to the document in such a manner that the digital signature is invalidated if any data in the document is changed;
- The electronic file that is the final electronic document contains one digital signature that is permanently linked to it;
- For final electronic files containing a single page, the registrant affixes a computer-generated image of a stamp that bears the phrase “digitally signed” in lieu of and in the location designated for a hand-written signature on that page. The computer-generated image of the stamp must be of a stamp as described in OAR 820-025-0001(1) and (2), including the size prescribed in OAR 820-025-0001 when the page is printed to full size; and,
- For final electronic files containing multiple pages not considered drawings, surveys, or plats, the registrant affixes a computer-generated image of a stamp that bears the phrase “digitally signed” in lieu of and in the location designated for a hand-written signature to the title page, an index page, or a seals page, provided that the stamped page clearly identifies all the other pages comprising the electronic file. The computer-generated image of the stamp must be of a stamp as described in OAR 820-025-0001(1) and (2), including the size prescribed in OAR 820-025-0001 when the page is printed to full size.



EXPIRES: or  
 RENEWS:





Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**Continuing Education**

Per OAR 820-010-0635, the following continuing professional competency is required every 2-year renewal period, where a PDH is a professional development hour:

- Total 30 PDH
- The Board does NOT pre-approve providers or specific courses
- Course requirements:
  - Be related to the individual’s registration
  - Have a clear purpose and objective which improves or expands the skills and knowledge relevant to the registrant’s field of practice or practices
- A maximum of 6 PDH of self-study (reading articles, textbooks, etc.) is allowed
- A maximum of 15 PDH can carry forward to the next period
- Retain PDH records for 5 years
- Track and submit PDH credits with the CDP Form entitled “Continuing Professional Development Organizational Form”:
  - [https://www.oregon.gov/osbeels/Documents/Form/201909\\_CPDForm.pdf](https://www.oregon.gov/osbeels/Documents/Form/201909_CPDForm.pdf)
- Renewal date based on last name and initial registration date:

Last Name Begins	A-F	G-K	L-R	S-Z
When	Odd Years (2025, 2027)		Even Years (2024, 2026)	
Renewal Deadline	December 31	June 30	December 31	June 30
Renewal Opens	October 2	April 1	October 2	April 1

**Laws and Rules**

Here is a copy-paste of the relevant laws and rules:



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

OAR 820

**820-005-0070**

**Professional Development Hour**

Professional Development Hour (PDH) is a contact hour (nominal) of instruction or presentation. The common denominator for other units of credit.

- (1) 1 college semester hour equals 45 PDH.
- (2) 1 college quarter hour equals 30 PDH.
- (3) 1 continuing education unit equals 10 PDH.

**820-010-0530**

**United States Military Registrants**

(1) Upon written request, biennial renewal fees and continuing professional development units may be waived while a registrant holding a registration to practice engineering, land surveying, photogrammetry, or certified water right examination in Oregon is on active duty with the Armed Forces of the United States.

(2) An active duty registrant with the Armed Forces of the United States may return a registration to its former status upon written notification to the Board within 60 days of the date of honorable discharge. Former status will be restored by satisfying and submitting proof of completion of 15 PDH units per year for each year (or part of a year) in active military status on the Continuing Professional Development Organizational Form. Biennial renewal fees will not be required until the biennial renewal period following the date of honorable discharge.

(3) If a registrant fails to notify the Board in writing within 60 days from the date of honorable discharge, or within the registration biennial renewal period in which the honorable discharge becomes effective, whichever is the longer period of time, that person may be subject to fees, including late-payment fees, assessed by the Board or other registration requirements in accordance with ORS Chapter 672.

**820-010-0635**

**Continuing Professional Development**

The purpose of professional development requirements is to demonstrate a continuing level of competency of professional engineers, land surveyors, and photogrammetrists.

(1) Requirements:

(a) Every registrant is required to obtain 30 professional development hour (PDH) units during each biennial registration period and in order to renew for the next biennial registration period.

(b) Registrants who are licensed for part of a registration period of six months or greater shall obtain a prorated amount of required PDH.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

(c) Registrants who are licensed for part of a registration period of less than six months, and not under registration discipline, are not required to obtain PDH for that registration period.

(d) Every registrant shall report PDH units on the Continuing Professional Development (CPD) Organizational form provided by the Board and submit it to the Board office with the renewal form and fee. The CPD Organizational form must be completed in its entirety.

(e) Supporting documentation to verify the PDH units recorded on the CPD Organizational form must be submitted to the Board office when requested to participate in an audit. Supporting documentation may include, but is not limited to:

(A) Completion certificate(s);

(B) Paid receipt(s);

(C) Attendance log(s);

(D) Other documents supporting evidence of attendance.

(f) The CPD Organizational form and supporting documentation must be submitted to the Board in English or translated to English.

(g) Records must be retained for five (5) years.

(2) PDH units must be obtained in qualifying activities related to the individual's registration. A qualifying activity is any course or activity with a clear purpose and objective which improves, or expands the skills and knowledge relevant to the registrant's field of practice or practices.

(3) Non-qualifying activities may include, but are not limited to:

(a) Regular employment;

(b) Real estate licensing courses;

(c) Personal, estate, or financial planning;

(d) Personal self improvement;

(e) Service club meetings or activities;

(f) Equipment demonstrations or trade show displays;

(g) Topics not relevant to engineering, land surveying, or photogrammetry professions;

(h) Enrollment without attendance at courses, seminars, etc.

(i) Repetitive attendance at the same course;

(j) Repetitive teaching of the same course;

(k) Attending committee meetings or general business meetings of any organization;

(l) Taking professional or required examinations.

(4) Units — The conversion of other units of credit to PDH units is as follows:

(a) 1 College Semester hour equals 45 PDH;

(b) 1 College Quarter hour equals 30 PDH;

(c) 1 Continuing Education unit equals 10 PDH.

(5) Sources of PDH units — One (1) PDH unit may be obtained for each contact hour of instruction or presentation. Unless otherwise noted, there is no maximum amount of PDH units a registrant may earn per biennial registration period. Sources of PDH units include, but are not limited to the following:



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

- (a) Successful completion of college courses;
  - (b) Successful completion of short courses, tutorials, correspondence, web based courses, televised and videotaped courses;
  - (c) Active participation in seminars, in-house courses, workshops, and professional conventions;
  - (d) Teaching or instructing a course, seminar, or workshop one time only. (This does not apply to full-time faculty teaching college courses);
  - (e) Authoring or co-authoring published papers, articles or books. Maximum of 10 PDH units per biennial registration period;
  - (f) Active participation in professional or technical society, committee, or board. Maximum of 8 PDH units per biennial registration period;
  - (g) Self study. Maximum of 6 PDH units per biennial registration period;
  - (h) Mentoring of engineering, land surveying, or photogrammetry topics to a nonregistered individual not under your supervision. Maximum of 10 PDH units per biennial registration period;
  - (i) Non-technical educational activities related to the registrant's employment;
  - (j) Developing, writing, or scoring an engineering, land surveying, or photogrammetric mapping examination for licensure or certification. Maximum of 15 PDH units per biennial registration period.
  - (k) Participation in a student engineering, land surveying, or photogrammetric mapping competition. Maximum of 10 PDH units per biennial registration period.
- (6) Determination of Credit — The Board has final authority with respect to approval of courses, credit, PDH units for courses and other methods of earning credit.
- (a) The Board will approve without listing courses which are sponsored by nationally recognized technical societies and those technical societies listed in 820-001-0000(4)(b)(A) through (E) and (4)(c)(A) through (H).
  - (b) Credit determination for activities is the responsibility of the registrant and is subject to review by the Board.
- (7) If a registrant exceeds the requirement in any registration period, a maximum of 15 PDH units in courses/activities may be carried forward into the next registration period.
- (8) In the event a registrant holds a license in another state that has a lesser PDH requirement than Oregon or no PDH requirement, the registrant will need to satisfy Oregon's 30 PDH requirement to renew the Oregon license.
- (9) Multiple Registrants. The number of PDH units required shall remain a total of 30 PDH per registration period for persons who hold registration as an engineer, land surveyor, and/or photogrammetrist.



Oregon Laws and Rules for Engineers  
*A SunCam online continuing education course*

**Helpful References**

Oregon State Board of Examiners for Engineering and Land Surveying

General website:	<a href="https://www.oregon.gov/OSBEELS">https://www.oregon.gov/OSBEELS</a>
License renewal & Address change:	<a href="https://online.myosbeels.org/">https://online.myosbeels.org/</a>
ORS 672:	<a href="https://www.oregonlegislature.gov/bills_laws/ors/ors672.html">https://www.oregonlegislature.gov/bills_laws/ors/ors672.html</a>
OAR 820:	<a href="https://secure.sos.state.or.us/oard/displayChapterRules.action?selectedChapter=6">https://secure.sos.state.or.us/oard/displayChapterRules.action?selectedChapter=6</a>
Sign & Seal Guide:	<a href="https://www.oregon.gov/osbeels/maintaining/Pages/Seals-and-Signatures.aspx">https://www.oregon.gov/osbeels/maintaining/Pages/Seals-and-Signatures.aspx</a>
News:	<a href="https://www.oregon.gov/osbeels/news/Pages/default.aspx">https://www.oregon.gov/osbeels/news/Pages/default.aspx</a>
CDP Organizational Form:	<a href="https://www.oregon.gov/osbeels/Documents/Form/201909_CPDForm.pdf">https://www.oregon.gov/osbeels/Documents/Form/201909_CPDForm.pdf</a>