

820-010-0010

Definitions

The following definitions and guides have been adopted by the Board to assist registrants and the general public in their interpretation of specific portions of ORS 672.002 to 672.325.

- (1) "Board" means the Oregon State Board of Examiners for Engineering and Land Surveying provided by ORS 672.240.
- (2) "Practice of engineering" refers to ORS 672.005 and 672.007.
- (3) "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 section (4), land surveying work as described in section (7) or photogrammetric work as described in section (10). 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.
- (4) "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. Time spent in engineering teaching subsequent to graduation shall be listed as "engineering work." Work performed in conjunction with a course of study provided by a community college, college, university, or any other 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."
- (5) "Responsible charge," as used in ORS 672.002(9), means to have supervision and control over engineering work as defined in 672.005(1), land surveying work, and photogrammetric mapping, 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;
 - (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.
- (6) "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.
- (7) "Practice of land surveying" refers to ORS 672.005(2) and 672.007.
- (8) "Land surveying 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". Engineering work, not related to the practice of land surveying, is not land surveying work. Credit for land surveying 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 educational program, for which tuition or similar payment is made, credit is earned, or as a requirement of the program, will not be considered "land surveying work."
- (9) "Practice of photogrammetric mapping" or "practice of photogrammetry" refers to ORS 672.002(7).
- (10) "Photogrammetric 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 photogrammetric 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. Time spent teaching photogrammetric mapping after graduation is "photogrammetric work." Work performed in conjunction with a course of study provided by a community college, college, university, or any other educational program, for which tuition or similar payment is made, credit is earned, or as a requirement of the program, will not be considered "photogrammetric work."
- (11) Professional Development Hour (PDH) -- A contact hour (nominal) of instruction or presentation. The common denominator for other units of credit.
- (12) Continuing Education Unit (CEU) -- Unit of credit customarily used for continuing education courses. One continuing education unit equals 10 hours of class in an approved continuing education course.

(13) College/Unit Semester/Quarter Hour -- Credit for course work in an approved program or other related college course approved in accordance with article (e) of this section.

(14) Course/Activity -- Any qualifying course or activity with a clear purpose and objective which will maintain, improve or expand the skills and knowledge relevant to the licensee's field of practice.

(15) 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.

(16) "Digital signature" means a type of electronic signature, as allowed by the ORS 84.001 to 84.061, that transforms a message through the use of an algorithm or series of algorithms that provide a key pair, private and public, for signer verification, document security and authentication.

(17) The words "branch" and "discipline" are synonymous as used in OAR chapter 820 divisions 10 and 40.

(17) (18) Acronyms:

(a) ABET -- Accreditation Board for Engineering and Technology, Inc.;

(b) ACCE -- American Council for Construction Education;

(c) ASAC -- Applied Science Accreditation Commission of ABET;

(d) CPEES -- Center for Professional Engineering Education Services;

(e) (d) EAC -- Engineering Accreditation Commission of ABET;

(f) (e) EI -- Engineering Intern;

(g) ELSES -- Engineering Land Surveying Examination Services;

(h) (f) FE -- Fundamentals of Engineering;

(i) (g) FLS -- Fundamentals of Land Surveying;

(j) (h) LSI -- Land Surveying Intern;

(k) (i) NCEES -- National Council of Examiners for Engineering and Surveying;

(l) (j) TAC -- Technology Accreditation Commission of ABET.

(k) PE -- Professional Engineer;

(l) PLS -- Professional Land Surveyor;

(m) RPP -- Registered Professional Photogrammetrist;

(n) CWRE -- Certified Water Right Examiner.

Stat. Auth.: ORS 670.310 & 672.255

Stats. Implemented: ORS 672.002 - 672.325

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