

Utah Professional Engineers and Professional Land Surveyors Board
160 East 300 South
First Floor
Salt Lake City, Utah 84111

9/30/2020

To Whom It May Concern:

I am writing to seek the Board's support in adding a "Plumbing" option to the National Council of Examiners for Engineers and Surveyors' (NCEES) Principals & Practices (PP) "Mechanical Engineering" discipline exam. Based on discussions with NCEES' Tim Miller and David Cox, a minimum of ten Boards must concur to the need for such an option. As a Registered Professional Engineer (Arizona, California, Florida, Georgia, Nevada, and Texas), I will be seeking this support from multiple Boards. I would like to ask that you present this letter to the Utah Professional Engineers and Professional Land Surveyors Board.

The practice of engineering encompasses many disciplines which contain many specific sub-disciplines within their general discipline. One such sub-discipline, not currently represented within the subset of Mechanical Engineering, is Plumbing.

At one time, plumbing was felt to be simplistic enough that any ABET-accredited engineer could adequately meet the demands of the discipline; providing fixtures, drains and vents. However, plumbing engineering has been and continues to become more complex than it was in the past. Plumbing has a significant impact on public health, safety and welfare in ways significantly different from air-conditioning or heating. Some of the systems with which the plumbing engineer must design and manage are: domestic/potable water (specialized systems such as distilled, softened, deionized, reverse osmosis, grey water and black water, among others), sanitary waste and vent (specialized clinical, medical, laboratory and kitchen waste systems along with removal of Fats, Oils and Greases (FOG) from the kitchen waste), storm water removal and reuse (both conventionally and siphonically), fuel systems (natural gas, liquefied petroleum (LP or propane) fuel oils, gasoline and others), industrial gases (oxygen, nitrogen, acetylene, argon, carbon dioxide and others), medical gas systems (oxygen, breathing air, instrument air, vacuum, waste anesthesia gas removal and others), laboratory gas systems (which can feature medical gases, industrial gases, fuels, etc.) and with the growth of "Green" systems rain and waste reclamation systems are being brought into the market. And when one considers the design and regulatory requirements, Plumbing Engineering has achieved a complexity all of its own.

Engineers, specializing in plumbing, must routinely concern themselves with these various and complex Plumbing Systems. Today's practice of engineering has become more difficult, if not impossible, for the typical Registered Engineer specializing in the Heating, Ventilating and Air Conditioning (HVAC) discipline. It is not practical or possible to maintain the necessary level of competency in the two distinct disciplines of plumbing and HVAC.

Yes, there are many similarities between engineers who practice within the HVAC and plumbing disciplines; heat transfer, thermal dynamics, fluid flow, gases such as air, etc. However, there are many differences as well. HVAC engineers deal with full pipe flow, psychometrics, relatively low pressure air

movement, building automation systems, etc. Plumbing engineers, on the other hand, deal with partially filled pipe flow, open channel flow, bio-films and pathogenic growths within potable water systems, higher pressures within gas systems that involve considerations for compressibility, etc. For these and the reasons above, a plumbing option should be placed within the framework of the mechanical PE examination process. It has become a necessity for the engineering community and the regulatory boards that oversee that community to assure that the public's health, safety and welfare is protected.

In closing, I urge the Board to support the inclusion of a plumbing option within the Mechanical Engineering examination and to advise NCEES of this support.

Thank you for your time, consideration, and support.

Sincerely,

Christoph Lohr, PE, CPD, LEED AP BD+C

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VMI Class of 2008

LICENSED IN AZ, CA, FL, GA, NV, TX

PE/PLS E & E Fund Balance:		<u>\$93,571.72</u>
Renewal Date:	March 31, 2021	
PE's:	9,646	
PSE's:	2,187	
PLS's:	727	
	<u>TOTAL:</u>	<u>12,560</u>
Application Fee	\$110	
E&E Surcharge:	\$10	
E-Library Surcharge:	\$1	
	<u>APPLICATION TOTAL:</u>	<u>\$121</u>
Renewal Fee:	\$63	
E&E Surcharge	\$10	
E-Library Surcharge:	\$1	
	<u>RENEWAL TOTAL:</u>	<u>\$74</u>

***Since previous meeting on 07/15/2020**

RESPONDENT	COMPLAINT_TYPE	COMPLAINT	DISPOSITION	DATE CLOSED
Reddish, David A	Unauthorized Practice	Complaint from a land surveyor indicating Proterra had done a survey and failed to file it with the county. Respondent does not have a land surveyor on staff in violation of 58-22-501 and R156-22-502(2)	Citation issued in the amount of \$2,000	07/22/2020
Long, Willis Daniel	Ethical Standards	A company was made aware that a former employee was moonlighting work and using company equipment to perform the work without notice or consent.	Admin Sanction-Stipulation- Respondent was placed on probation for two years and assessed an admin. fine of \$11,000 of that \$5,500 is stayed pending successful completion of probation	10/28/2020

State	License Classification	Scope	Qualifications	Exams	Note	Website
Alabama	Professional Engineer	<p>SCOPE OF ENGINEERING.</p> <p>a. Any professional service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work that includes any one or more of the following:</p> <ol style="list-style-type: none"> 1. Consultation, investigation, evaluation, planning, design and design coordination, or commissioning of engineering works, products, and systems. 2. Planning the use of land, air, or water. 3. Performing engineering surveys and studies. 4. The review of construction for the purpose of monitoring compliance with drawings and specifications. <p>b. Any service or work described in paragraph a., either public or private, that is made in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and communications systems, transportation systems, industrial or consumer products, or equipment of a control system; or is a mechanical, electrical, hydraulic, pneumatic, chemical, environmental, or thermal nature, insofar as the service or work involves safeguarding health, life, safety, welfare, and property. The term includes other professional services as may be necessary to the planning, progress, and completion of any engineering services.</p> <p>c. The term does not include the practice of architecture except such architectural work as is incidental to the practice of professional engineering; nor shall the term include work ordinarily performed by persons who operate or maintain machinery or equipment.</p> <p>d. The practice of engineering includes the offering of expert opinion in any legal proceeding in Alabama regarding work legally required to be performed under an Alabama engineer's license number or seal, which opinion may be given by an engineer licensed in any jurisdiction. Notwithstanding any other provision of this chapter in qualifying a witness to offer expert testimony on the practice of engineering, the court shall consider as evidence of his or her expertise whether the proposed witness holds a valid Alabama license for the practice of engineering; provided, however, the qualification by the court shall be withheld from an otherwise qualified witness solely on the basis of the failure "practice of engineering" means professional service or creative work, the adequate performance of which requires the specialized knowledge of applied mathematics and sciences, dealing with the design of structures, machines, equipment, utilities systems, processes, projects, and communications systems, transportation systems, industrial or consumer products, or equipment of a control system; or is a mechanical, electrical, hydraulic, pneumatic, chemical, environmental, or thermal nature, insofar as the service or work involves safeguarding health, life, safety, welfare, and property. The term includes other professional services as may be necessary to the planning, progress, and completion of any engineering services.</p>	<p>1. Graduation in an approved engineering curriculum plus four years experience. – A graduate of an approved engineering curriculum of four years or more from a school or college approved by the board who has successfully passed a board approved examination in the fundamental engineering subjects and in the principles and practice of engineering and has a specific record of an additional four years or more of progressive experience in engineering work of a grade and character satisfactory to the board shall be granted a certificate of licensure to practice engineering in this state, provided the applicant is otherwise qualified.</p> <p>OR</p> <p>2. Graduation in an unapproved engineering curriculum plus six years experience. – A graduate of an unapproved engineering curriculum of four years or more who has successfully passed a board approved examination in the fundamental engineering subjects and in the principles and practice of engineering and has a specific record of an additional six years or more of progressive experience in engineering work of a grade and character satisfactory to the board shall be granted a certificate of licensure to practice engineering in this state, provided the applicant is otherwise qualified.</p> <p>RULE.</p> <p>The term "graduate of an approved engineering curriculum" shall mean a graduate of a baccalaureate engineering program accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) at the time of graduation or within a two-year period of graduation. This term shall also mean a graduate of a master or doctoral degree program offered by a school or college of engineering offering at least one EAC/ABET baccalaureate engineering program provided the school or college of engineering has petitioned the Board for approval for this degree and the Board has granted this approval. This term shall also mean a graduate of an EAC/ABET accredited master's degree.</p> <p>The term "graduate of an unapproved engineering curriculum" shall mean a graduate of a baccalaureate engineering program which has not been accredited by EAC/ABET but (Note: All pathways require that the applicant complete an approved Arctic Engineering class. All pathways require that experience includes at least two 5 yrs. of responsible charge) Education: an ABET accredited B.S. degree in the major branch of engineering for which applicant is applying for registration, or its equivalent (when combined with experience);</p> <p>Work Experience:</p> <p>ABET accredited B.S. degree in engineering in the branch of engineering applied for listed under license type, and a master's or doctorate in engineering acceptable to the board: min 3 yrs. experience.</p> <p>ABET accredited B.S. degree in engineering that is not in the branch of engineering listed, and a master's or doctorate in the branch of engineering applied for listed: min 4 years work experience.</p> <p>ABET accredited B.S. degree in engineering in the branch of engineering applied for listed: min 3 yrs. work experience.</p> <p>ABET accredited B.S. degree in engineering technology in the branch of engineering applied for listed: min 3 yrs. work experience.</p> <p>ABET accredited B.S. degree in a branch of engineering that is not the branch for which the applicant has applied: min 5 yrs. work experience.</p> <p>Master's degree in engineering acceptable to the board in the branch listed in for which the applicant has applied or in a discipline substantially similar to the branch for which the applicant has applied: Min 6 yrs. of experience.</p> <p>Doctorate degree in engineering acceptable to the board in the branch listed for which the applicant has applied or in a discipline substantially similar to the branch for which the applicant has applied: min 5 yrs. experience.</p> <p>Master's or doctorate degree in engineering acceptable to the board from a school which has an ABET accredited undergraduate engineering program in the branch for which the applicant has applied: Min 5 yrs. experience.</p> <p>Non-ABET accredited B.S. degree in engineering in the branch applied for: min 6 yrs. experience.</p>	FE and PE for discipline(s)		https://bels.alabama.gov/
Alaska	<p>Engineer:</p> <p>Agricultural Engineer</p> <p>Chemical Engineer</p> <p>Civil Engineer</p> <p>Control Systems Engineer</p> <p>Electrical Engineer</p> <p>Environmental Engineer</p> <p>Fire Protection Engineer</p> <p>Industrial Engineer</p> <p>Mechanical Engineer</p> <p>Metallurgical and Materials Engineer</p> <p>Mining and Mineral Processing Engineer</p> <p>Naval Architecture and Marine Engineer</p> <p>Nuclear Engineer</p> <p>Petroleum Engineer</p> <p>Structural Engineer (See PSE Tab for additional qualifications)</p>	<p>"practice of engineering" means professional service or creative work, the adequate performance of which requires the specialized knowledge of applied mathematics and sciences, dealing with the design of structures, machines, equipment, utilities systems, processes, projects, and communications systems, transportation systems, industrial or consumer products, or equipment of a control system; or is a mechanical, electrical, hydraulic, pneumatic, chemical, environmental, or thermal nature, insofar as the service or work involves safeguarding health, life, safety, welfare, and property. The term includes other professional services as may be necessary to the planning, progress, and completion of any engineering services.</p> <p>11. "Engineering practice" means any professional service or creative work requiring engineering education, training and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, location, development, and review of construction for conformance with contract documents and design, in connection with any public or private utility, structure, building, machine, equipment, process, work or project. Such services and work include plans and designs relating to the location, development, mining and treatment of one and other minerals. A person shall be deemed to be practicing or offering to practice engineering if the person practices any branch of the profession of engineering, or by verbal claim, sign, advertisement, letterhead, card or any other manner represents that the person is a professional engineer or is able to perform or does perform any engineering service or other service recognized by educational authorities as engineering. A person employed on a full-time basis as an engineer by an employer engaged in the business of developing, mining and treating ores and other minerals shall not be deemed to be practicing engineering for the purposes of this chapter if the person engages in the practice of engineering exclusively for and as an employee of such employer and does not represent that the person is available and is not represented as being available to perform any engineering services for persons other than the person's employer.</p> <p>The Board shall recognize the branches of engineering described below for review of experience, selection of examination, definition of examination areas, and definition of demonstrated proficiency areas to be inscribed on the registrant's seal. The branches do not limit the areas of a registrant's practice of engineering. (See RE-30.)</p> <p>(A) "Practice of engineering" means a service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge in the mathematical, physical, and engineering sciences to services or creative work such as consultation, investigation, evaluation, planning, and design of engineering works and systems relating to the use of air, land, water, municipal and regional planning, forensic services, engineering techniques of advanced engineering subjects or related courses, engineering surveys, and the inspection of construction to assure compliance with drawings and specifications that are related to public or private service or work, concerning any utilities, structures, buildings, machines, equipment, processes, work systems, or projects including architectural work that is incidental to the practice of engineering.</p> <p>(B) A person practices or offers to practice engineering, within the meaning of this chapter, who:</p> <ol style="list-style-type: none"> (i) Practices a branch of the profession of engineering; (ii) By verbal claim, sign advertisement, letterhead, card, or in any other way represents himself or herself to be an engineer; (iii) Through the use of some other title implies that he or she is an engineer or that he or she is licensed under this chapter; or (iv) Holds himself or herself out as able to perform or does perform an engineering service or work or any other service designated by the practitioner that is recognized as engineering. <p>(C) "Practice of engineering" does not include:</p> <ol style="list-style-type: none"> (i) Persons who operate or maintain machinery or equipment; or (ii) The act of measuring land, drawing plans, reading plans, or doing other work normally performed by a mechanic, technician, professional surveyor, or draftsman; 	<p>1. The Board shall grant credit according to the following:</p> <ol style="list-style-type: none"> a. Engineering applicants with an Accreditation Board of Engineering and Technology (ABET) accredited bachelor's degree and a (ABET) master's or doctorate degree in the branch of engineering that registration is sought: 60 months. b. Engineering applicants with an ABET accredited bachelor's degree or equivalent in the branch of engineering that registration is sought: 48 months. c. Engineering applicants with four-year ABET accredited degrees in a branch other than that in which registration is sought: 36 months. <p>The Board shall credit work experience as follows:</p> <ol style="list-style-type: none"> 1. One hundred and thirty hours or more of work per month is equal to one month of work experience. 2. Between 65 hours and 129 hours of work per month is equal to one-half month of work experience. 3. The Board shall not grant credit for less than 85 hours of work experience in a month. 4. Experience shall be verified by the employer before the Board grants the credit. <p>Work experience credited toward the eight-year active engagement requirement shall be directly related to the applicant's branch of engineering.</p>	FE and PE for discipline(s), AK Jurisprudence Questionnaire (take-home style test submitted with application)	https://www.commerce.alaska.gov/web/cbp/Professionals/Licensing/Boards/ArchitectEngineersandLandSurveyors.aspx	
Arizona	Profession Engineer	<p>"Engineer" means a person who, by reason of special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design acquired by professional and practical experience, is qualified to practice the profession of engineering and is registered as a professional engineer pursuant to this chapter.</p> <p>11. "Engineering practice" means any professional service or creative work requiring engineering education, training and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, location, development, and review of construction for conformance with contract documents and design, in connection with any public or private utility, structure, building, machine, equipment, process, work or project. Such services and work include plans and designs relating to the location, development, mining and treatment of one and other minerals. A person shall be deemed to be practicing or offering to practice engineering if the person practices any branch of the profession of engineering, or by verbal claim, sign, advertisement, letterhead, card or any other manner represents that the person is a professional engineer or is able to perform or does perform any engineering service or other service recognized by educational authorities as engineering. A person employed on a full-time basis as an engineer by an employer engaged in the business of developing, mining and treating ores and other minerals shall not be deemed to be practicing engineering for the purposes of this chapter if the person engages in the practice of engineering exclusively for and as an employee of such employer and does not represent that the person is available and is not represented as being available to perform any engineering services for persons other than the person's employer.</p> <p>The Board shall recognize the branches of engineering described below for review of experience, selection of examination, definition of examination areas, and definition of demonstrated proficiency areas to be inscribed on the registrant's seal. The branches do not limit the areas of a registrant's practice of engineering. (See RE-30.)</p> <p>(A) "Practice of engineering" means a service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge in the mathematical, physical, and engineering sciences to services or creative work such as consultation, investigation, evaluation, planning, and design of engineering works and systems relating to the use of air, land, water, municipal and regional planning, forensic services, engineering techniques of advanced engineering subjects or related courses, engineering surveys, and the inspection of construction to assure compliance with drawings and specifications that are related to public or private service or work, concerning any utilities, structures, buildings, machines, equipment, processes, work systems, or projects including architectural work that is incidental to the practice of engineering.</p> <p>(B) A person practices or offers to practice engineering, within the meaning of this chapter, who:</p> <ol style="list-style-type: none"> (i) Practices a branch of the profession of engineering; (ii) By verbal claim, sign advertisement, letterhead, card, or in any other way represents himself or herself to be an engineer; (iii) Through the use of some other title implies that he or she is an engineer or that he or she is licensed under this chapter; or (iv) Holds himself or herself out as able to perform or does perform an engineering service or work or any other service designated by the practitioner that is recognized as engineering. <p>(C) "Practice of engineering" does not include:</p> <ol style="list-style-type: none"> (i) Persons who operate or maintain machinery or equipment; or (ii) The act of measuring land, drawing plans, reading plans, or doing other work normally performed by a mechanic, technician, professional surveyor, or draftsman; 	<p>Be actively engaged in education or experience, or both, in the profession for which registration is sought for at least eight years. Rule: Education credit:</p> <ol style="list-style-type: none"> 1. The Board shall grant credit according to the following: a. Engineering applicants with an Accreditation Board of Engineering and Technology (ABET) accredited bachelor's degree and a (ABET) master's or doctorate degree in the branch of engineering that registration is sought: 60 months; b. Engineering applicants with an ABET accredited bachelor's degree or equivalent in the branch of engineering that registration is sought: 48 months; c. Engineering applicants with four-year ABET accredited degrees in a branch other than that in which registration is sought: 36 months. <p>The Board shall credit work experience as follows:</p> <ol style="list-style-type: none"> 1. One hundred and thirty hours or more of work per month is equal to one month of work experience. 2. Between 65 hours and 129 hours of work per month is equal to one-half month of work experience. 3. The Board shall not grant credit for less than 85 hours of work experience in a month. 4. Experience shall be verified by the employer before the Board grants the credit. <p>Work experience credited toward the eight-year active engagement requirement shall be directly related to the applicant's branch of engineering.</p>	FE and PE for discipline(s)	Universal Licensure: See ARS 32-4302	https://bz.az.gov/
Arkansas	Professional Engineer	<p>"Professional engineer" means a person who, by reason of special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design acquired by professional and practical experience, is qualified to practice the profession of engineering and is registered as a professional engineer pursuant to this chapter.</p> <p>11. "Engineering practice" means any professional service or creative work requiring engineering education, training and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, location, development, and review of construction for conformance with contract documents and design, in connection with any public or private utility, structure, building, machine, equipment, process, work or project. Such services and work include plans and designs relating to the location, development, mining and treatment of one and other minerals. A person shall be deemed to be practicing or offering to practice engineering if the person practices any branch of the profession of engineering, or by verbal claim, sign, advertisement, letterhead, card or any other manner represents that the person is a professional engineer or is able to perform or does perform any engineering service or other service recognized by educational authorities as engineering. A person employed on a full-time basis as an engineer by an employer engaged in the business of developing, mining and treating ores and other minerals shall not be deemed to be practicing engineering for the purposes of this chapter if the person engages in the practice of engineering exclusively for and as an employee of such employer and does not represent that the person is available and is not represented as being available to perform any engineering services for persons other than the person's employer.</p> <p>The Board shall recognize the branches of engineering described below for review of experience, selection of examination, definition of examination areas, and definition of demonstrated proficiency areas to be inscribed on the registrant's seal. The branches do not limit the areas of a registrant's practice of engineering. (See RE-30.)</p> <p>(A) "Practice of engineering" means a service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge in the mathematical, physical, and engineering sciences to services or creative work such as consultation, investigation, evaluation, planning, and design of engineering works and systems relating to the use of air, land, water, municipal and regional planning, forensic services, engineering techniques of advanced engineering subjects or related courses, engineering surveys, and the inspection of construction to assure compliance with drawings and specifications that are related to public or private service or work, concerning any utilities, structures, buildings, machines, equipment, processes, work systems, or projects including architectural work that is incidental to the practice of engineering.</p> <p>(B) A person practices or offers to practice engineering, within the meaning of this chapter, who:</p> <ol style="list-style-type: none"> (i) Practices a branch of the profession of engineering; (ii) By verbal claim, sign advertisement, letterhead, card, or in any other way represents himself or herself to be an engineer; (iii) Through the use of some other title implies that he or she is an engineer or that he or she is licensed under this chapter; or (iv) Holds himself or herself out as able to perform or does perform an engineering service or work or any other service designated by the practitioner that is recognized as engineering. <p>(C) "Practice of engineering" does not include:</p> <ol style="list-style-type: none"> (i) Persons who operate or maintain machinery or equipment; or (ii) The act of measuring land, drawing plans, reading plans, or doing other work normally performed by a mechanic, technician, professional surveyor, or draftsman; 	<p>Graduation from an Engineering Accreditation Commission of ABET (EAC of ABET) approved, or equivalent, engineering curriculum;</p> <p>and</p> <p>Completed 4 years of satisfactory experience after completing the requirements for graduation. In its discretion, the State Board of Licensure for Professional Engineers and Professional Surveyors may consider satisfactory graduate study in engineering equal to one (1) year's experience.</p>	FE and PE for discipline(s)		https://www.pels.arkansas.gov/
California	Professional Engineer (Including the following disciplines: Agricultural, Chemical, Civil, Control System, Electrical, Fire Protection, Industrial, Mechanical, Metallurgical, Nuclear, Petroleum, Traffic)	<p>Professional engineer defined</p> <p>"Professional engineer," within the meaning and intent of this act, refers to a person engaged in the professional practice of rendering service or creative work requiring engineering education, training and experience in engineering sciences and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and the observation of construction to evaluate compliance with plans and specifications in connection with the utilization of the forces, energies, and materials of nature in the development, production, and functioning of engineering processes, apparatus, facilities, machines, equipment, structures, buildings, works, or utilities, or any combination or aggregations thereof, employed in or directed to public or private enterprises or uses.</p> <p>(b) An individual practices or offers to practice "professional engineering" within the meaning and intent of this section if the individual, by oral claim, sign, advertisement, letterhead, card, or in any other way, represents himself or herself to be a professional engineer, through the use of any other means implies that the individual is licensed under this part 2, or performs engineering services.</p>	<p>Evidence of six years or more of qualifying experience in engineering work satisfactory to the board and evidence of a minimum of four years of progressive engineering experience of which education in the branch for which he or she is applying for licensure.</p> <p>Be certified as an engineer-in-training in this state, be certified as an engineer-in-training or in another state, or be certified as an engineer-in-training in the United States or be exempt therefrom. (Requires: Satisfactorily complete three years or more of postsecondary engineering education, three years or more of engineering experience, or a combination of postsecondary education and experience in engineering totaling three years and passage or board approved waiver of the FE exam)</p> <p>RULE:</p> <p>An applicant for licensure as a professional engineer shall be granted credit towards the experience requirement, as stated in subdivision (a), for the following education curriculum:</p> <ol style="list-style-type: none"> (1) Four (4) years experience credit for graduation from an approved engineering curriculum. (2) Two (2) years experience credit for graduation from a non-approved engineering curriculum or from an approved engineering technology curriculum. (3) Five (5) years of experience credit for graduation from an approved cooperative work-study engineering curriculum. (4) Five (5) years of experience credit for graduation from an approved post-graduate engineering curriculum. (5) One-half (1/2) year of education credit for each year of study completed in an approved engineering curriculum that did not result in the awarding of a baccalaureate degree, except that the maximum of such experience shall be two (2) years 	FE and PE for discipline(s), CA PE State Law and Rule Take Home Exam. Additionally, some disciplines require an additional CA specific exam, see: https://www.bpelsg.ca.gov/applicants/exam.shtml	https://www.bpelsg.ca.gov/	
Colorado	Professional Engineer	<p>(a) "Practice of engineering" means the performance for others of any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and the observation of construction to evaluate compliance with plans and specifications in connection with the utilization of the forces, energies, and materials of nature in the development, production, and functioning of engineering processes, apparatus, facilities, machines, equipment, structures, buildings, works, or utilities, or any combination or aggregations thereof, employed in or directed to public or private enterprises or uses.</p> <p>(b) An individual practices or offers to practice "professional engineering" within the meaning and intent of this section if the individual, by oral claim, sign, advertisement, letterhead, card, or in any other way, represents himself or herself to be a professional engineer, through the use of any other means implies that the individual is licensed under this part 2, or performs engineering services.</p>	<p>One of the following:</p> <p>-Graduate from a Board-approved engineering curriculum of 4 years (ABET) or more AND have 8 years of progressive engineering experience of which educational study may be a part. Must be currently enrolled as an Engineer Intern (EI). If not a Colorado EI or transferring EI from another state, must take and pass the Fundamentals of Engineering (FE) exam before being allowed to sit for the PE exam. Can apply for both FE and PE exams at the same time; however, will qualify for FE.</p> <p>-Graduate from a Board-approved engineering technology curriculum (ABET) of 4 years or more AND have 10 years of progressive engineering experience of which education is a part. Must be currently enrolled as an EI. If not a Colorado EI or transferring EI from another state, must take and pass the FE exam before being allowed to sit for the PE exam. Can apply for both FE and PE exams at the same time; however, will qualify for FE exam.</p> <p>-Graduate from an engineering curriculum of 4 years or more not approved by the board OR from a related science curriculum of 4 years or more AND have 10 years of progressive engineering experience of which education is a part. Must be currently enrolled as an EI. If not a Colorado EI or transferring EI from another state, must take and pass the FE exam before being allowed to sit for the PE exam. Can apply for both FE and PE exams at the same time; however, will qualify for FE exam.</p> <p>-Graduate from an engineering curriculum of 4 years or more OR from a related science curriculum of 4 years or more. Must have 20 years of progressive engineering experience of which education may be a part. Waive EI requirement.</p> <p>-12 years of progressive engineering experience of which educational study may be a part. Must be enrolled as an EI. If not a Colorado EI or transferring EI from another state, must take and pass the FE exam before being allowed to sit for the PE exam.</p>	FE and PE for discipline(s)		https://dpo.colorado.gov/EAES/Applications

Connecticut	Professional Engineer	<p>"Professional engineer" means a person who is qualified by reason of his knowledge of mathematics, the physical sciences and the principles of engineering, acquired by professional education and practical experience, to engage in engineering practice, including rendering or offering to render to clients any professional service such as consultation, investigation, evaluation, planning, design or responsible supervision of construction, in connection with any public or privately-owned structures, buildings, machines, equipment, processes, works or projects in which the public welfare or the safeguarding of life, public health or property is concerned or involved;</p>	<p>(a) Professional engineer. (1) Class 1. The applicant shall be a graduate of an approved course" in engineering in a school or college approved by the board as of satisfactory standing, and have a specific record of an additional four years of experience in engineering work which shall be of a character satisfactory to the board. Work during the course of so-called cooperative education programs does not qualify as experience in engineering work. When an advanced degree in engineering has been awarded at an approved institution, education in residence may be considered as part of the experience requirement. The board may waive the first part of the written examination where an applicant holds a license or certificate as engineer-in-training issued by proper authority of any state or territory or possession of the United States, or any country, provided the requirements for licensure or certification of engineer-in-training under which such license or certificate was issued shall not conflict with the statutory provisions pertaining to and shall be of a standard not lower than the requirements for licensure of engineers-in-training in the State of Connecticut. "Accredited programs" means those specific engineering and surveying curriculums offered at colleges, universities and other educational institutions within the United States or Canada that have received accreditation from the accreditation board for engineering and technology (ABET) or the Canadian accreditation board (CAB) and have been accepted by the board as recognition of the applicants attaining a first professional degree to qualify for licensure as a professional engineer. For land surveying licensure, the board may recognize educational institutions whose surveying curriculum have received regional accreditation.</p> <p>Class 1A. The board may waive the first part of the written examination for an applicant who has completed an approved course in engineering, and who has at least eight years of experience. With the exception of the above, all other requirements of this class shall be the same as for Class 1.</p> <p>(2) Class 2. The applicant shall be a nongraduate with ten years or more of experience in engineering work which shall be of a character satisfactory to the board and which shall</p>	FE and PE for discipline(s),	https://portal.ct.gov/DCPLI/License-Services/Division/All-Licenses/Applications/Professional-Engineers-and-Land-Surveyors/Licensing
Delaware	Professional Engineer	<p>"Practice of engineering" or "to practice engineering" includes any professional service performed for the general public such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction or operation in connection with any public or private buildings, structures, utilities, machines, equipment, processes, works, or projects wherein the public welfare or the safeguarding of life, health or property is concerned or involved when such professional service requires the application of engineering principles and data, but it does not include the work ordinarily performed by persons who operate or maintain machinery or equipment, neither does it include engineering services performed by an employee of a firm or corporation that does not offer professional engineering services to the general public.</p>	<p>(1) Graduates from an engineering educational program approved by the EAC of ABET, Inc. or from an ABET recognized foreign accreditation agency approved educational program. a. Graduation with a baccalaureate degree from an engineering educational program accredited by the EAC of ABET, Inc. or by a foreign educational program recognized agency adjudged by ABET to use substantially equivalent accreditation procedures; and b. Professional experience in engineering work of a character satisfactory to the Council in the amount of 4 years or more, such experience indicating that the applicant is competent to practice as a professional engineer; and (2) Graduates from non-EAC of ABET accredited engineering programs, from engineering technology programs or from science programs related to engineering. a. Graduation with a baccalaureate degree from a Council approved 4-year educational program in engineering that is not EAC of ABET accredited, in engineering technology or in science related to engineering; and b. Professional experience in engineering work of a character satisfactory to the Council in the amount of 8 years or more, such experience indicating that the applicant is competent to practice as a professional engineer; (3) Graduates from non-EAC of ABET accredited engineering programs, from engineering technology programs or from science programs related to engineering who hold master's degrees in engineering from institutions that offer EAC of ABET-accredited engineering programs, or the equivalent; a. Graduation with a baccalaureate degree from a Council approved 4-year educational program in engineering that is not EAC of ABET accredited, in engineering technology or in science related to engineering; and b. Professional experience in engineering work of a character satisfactory to the Council in the amount of 5 years or more, such experience indicating that the applicant is competent to practice as a professional engineer; (4) Graduates from non-EAC of ABET accredited engineering programs, from engineering technology programs or from science programs related to engineering who hold doctoral 1. is a graduate from an approved engineering science curriculum of 4 years or more in a school, college, or university which has been approved by the board, and has a record of at least 4 years of active engineering experience of a character indicating competence to be in responsible charge of engineering; or 2. is a graduate of an approved engineering technology curriculum of 4 years or more in a school, college, or university which has been approved by the board, and has a record of at least 6 years of active engineering experience of a character indicating competence to be in responsible charge of engineering.</p> <p>"Board approved engineering programs" shall mean: (a) Engineering programs accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (EAC/ABET or EACAM ABET). The term "engineering program" is synonymous with the term "engineering science" used in Section 471.0131(a)(1), F.S., and "engineering degree," as used elsewhere in this chapter; (b) Engineering programs accredited by the Canadian Engineering Accreditation Board (CEAB) in 1980 or later (which, for the purpose of Title 61G15, F.A.C., is considered equivalent to EAC/ABET); or (c) Engineering technology programs accredited by the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (ETAC/ABET). Educational Requirements for Applicants without EAC/ABET Accredited Engineering Degrees. (1) Applicants having engineering degrees from programs that are not accredited by EAC/ABET must demonstrate: (a) 30 college semester credit hours of higher mathematics and basic sciences. Credit hours may be substituted with engineering science courses that are in excess of the requirements of paragraph (1)(c). 1. The hours of mathematics must be beyond algebra and trigonometry and must emphasize mathematical concepts and principles rather than computation. Courses in to be eligible for certification. (1) (A) Graduate in an engineering curriculum of not less than four years from a school or college approved by the board; and (B) Acquire a specific record of not less than four years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering. (2) (A) Graduate in an engineering curriculum of not less than four years or in a curriculum of four or more years in engineering technology or related science, from a school or college approved by the board; and B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (3) (A) Acquire not less than eight years of experience in engineering work of a nature satisfactory to the board; and (B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (4) (A) Graduate in an engineering or related science curriculum of not less than four academic years. (B) Acquire a specific record of not less than 16 years' experience in engineering work, of which at least eight years have been in responsible charge of important engineering work of a character satisfactory to the board, which indicates the applicant is competent to practice professional engineering.</p>	FE and PE for discipline(s),	https://www.dape.org/
Florida	Professional Engineer	<p>"Engineering" includes the term "professional engineering" and means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work as consultation, investigation, evaluation, planning, and design of engineering works and systems, planning the use of land and water, teaching of the principles and methods of engineering design, engineering surveys, and the inspection of construction for the purpose of determining in general if the work is proceeding in compliance with drawings and specifications, any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, pneumatic, or thermal nature, insofar as they involve safeguarding life, health, or property, and includes such other professional services as may be necessary to the planning, progress, and completion of any engineering services. A person who practices any branch of engineering, who, by verbal claim, sign, advertisement, letterhead, or card, or in any other way, represents himself or herself as an engineer or, through the use of some other title, implies that he or she is an engineer or that he or she is licensed under this chapter; or who holds himself or herself out as able to perform, or does perform, any engineering service or work or any other service designated by the practitioner which is recognized as engineering shall be construed to practice or offer to practice engineering within the meaning and intent of this chapter</p>	<p>(1) is a graduate from an approved engineering science curriculum of 4 years or more in a school, college, or university which has been approved by the board, and has a record of at least 4 years of active engineering experience of a character indicating competence to be in responsible charge of engineering; or 2. is a graduate of an approved engineering technology curriculum of 4 years or more in a school, college, or university which has been approved by the board, and has a record of at least 6 years of active engineering experience of a character indicating competence to be in responsible charge of engineering.</p> <p>"Board approved engineering programs" shall mean: (a) Engineering programs accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (EAC/ABET or EACAM ABET). The term "engineering program" is synonymous with the term "engineering science" used in Section 471.0131(a)(1), F.S., and "engineering degree," as used elsewhere in this chapter; (b) Engineering programs accredited by the Canadian Engineering Accreditation Board (CEAB) in 1980 or later (which, for the purpose of Title 61G15, F.A.C., is considered equivalent to EAC/ABET); or (c) Engineering technology programs accredited by the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (ETAC/ABET). Educational Requirements for Applicants without EAC/ABET Accredited Engineering Degrees. (1) Applicants having engineering degrees from programs that are not accredited by EAC/ABET must demonstrate: (a) 30 college semester credit hours of higher mathematics and basic sciences. Credit hours may be substituted with engineering science courses that are in excess of the requirements of paragraph (1)(c). 1. The hours of mathematics must be beyond algebra and trigonometry and must emphasize mathematical concepts and principles rather than computation. Courses in to be eligible for certification. (1) (A) Graduate in an engineering curriculum of not less than four years from a school or college approved by the board; and (B) Acquire a specific record of not less than four years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering. (2) (A) Graduate in an engineering curriculum of not less than four years or in a curriculum of four or more years in engineering technology or related science, from a school or college approved by the board; and B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (3) (A) Acquire not less than eight years of experience in engineering work of a nature satisfactory to the board; and (B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (4) (A) Graduate in an engineering or related science curriculum of not less than four academic years. (B) Acquire a specific record of not less than 16 years' experience in engineering work, of which at least eight years have been in responsible charge of important engineering work of a character satisfactory to the board, which indicates the applicant is competent to practice professional engineering.</p>	FE and PE for discipline(s),	https://fbpe.org/
Georgia	Professional Engineer Recognized branches of engineering:	<p>"Professional engineering" means the practice of the arts and sciences, known as engineering, by which mechanical processes of matter are made useful to mankind in structures and machines and shall include any professional service, such as consultation, investigation, evaluation, planning, designing, or responsible supervision of construction or operation, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the public welfare or the safeguarding of life, health, or property is concerned or involved, when such professional service requires the application of engineering principles and data and training in the application of mathematical and physical sciences. An individual shall be construed to practice or offer to practice professional engineering, within the meaning of this chapter, who by verbal claim, sign, advertisement, letterhead, card, or in any other way represents or holds himself or herself out as a professional engineer or engineer or as able or qualified to perform engineering services or who performs any of the services set out in this paragraph. Nothing contained in this chapter shall include the work ordinarily performed by individuals who operate or maintain machinery or equipment.</p> <p>(1) Agricultural; (2) Chemical; (3) Civil; (4) Electrical; (5) Industrial; (6) Mechanical; or (7) Structural</p>	<p>(1) (A) Graduate in an engineering curriculum of not less than four years from a school or college approved by the board; and (B) Acquire a specific record of not less than four years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering. (2) (A) Graduate in an engineering curriculum of not less than four years or in a curriculum of four or more years in engineering technology or related science, from a school or college approved by the board; and B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (3) (A) Acquire not less than eight years of experience in engineering work of a nature satisfactory to the board; and (B) Acquire a specific record of not less than seven years' experience in engineering work of a character satisfactory to the board which indicates the applicant is competent to practice professional engineering; or (4) (A) Graduate in an engineering or related science curriculum of not less than four academic years. (B) Acquire a specific record of not less than 16 years' experience in engineering work, of which at least eight years have been in responsible charge of important engineering work of a character satisfactory to the board, which indicates the applicant is competent to practice professional engineering.</p>	FE and PE for discipline(s),	https://sos.ga.gov/index.php/licensing/gpe/22
Hawaii	Professional Engineer	<p>"Professional engineer" means a person who holds oneself out as able to perform, or who does perform, any professional service such as consultation, investigation, evaluation, planning, design, or observation of construction or operation, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the safeguarding of life, health, or property is concerned or involved, when such professional service requires the application of engineering principles and data.</p>	<p>(1) The person is the holder of an unexpired license issued to the person by any jurisdiction, domestic or foreign, in which the requirements for licensure at the time the person was first licensed are of a standard satisfactory to the board; provided that if the board is in doubt as to whether the standards are satisfactory, or as to whether the holder was required to fully comply with them, it shall require that the holder successfully pass a written examination, prescribed by the board and designed to test the holder's knowledge, skill, and competency in the profession of engineering; (2) The person is the holder of a masters degree in engineering from an institution of higher education approved by the board, is a graduate of a school or college approved by the board as of satisfactory standing and has completed an engineering curriculum of four years or more; has had three years of full-time lawful experience in engineering work of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof, and has successfully passed a written examination, prescribed by the board and designed to test the person's knowledge, skill, and competency in the profession of engineering; (3) The person is the holder of a masters degree in engineering from an institution of higher education approved by the board, has had four years of full-time lawful experience in engineering work of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof, and has successfully passed a written examination, prescribed by the board and designed to test the person's knowledge, skill, and competency in the profession of engineering; (4) The person is a graduate of a school or college approved by the board as of satisfactory standing, and has completed an engineering curriculum of four years or more; has had four years of full-time lawful experience in engineering work of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof, and has successfully passed a written examination, prescribed by the board and designed to test the person's knowledge, skill, and competency in the profession of engineering; (5) The person is a graduate of a school or college approved by the board as of satisfactory standing, and has completed an engineering technology or arts and science</p>	FE and PE for discipline(s),	http://cca.hawaii.gov/pv/bboards/engineer/
Idaho	Professional Engineers	<p>"Professional engineering" and "practice of professional engineering" mean any service or creative work, or the rendering or offering to render to the public for any project physically located in this state, such as consultation, investigation, evaluation, planning, designing, design coordination, teaching upper division engineering design subjects, and responsible charge of observation or construction in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works or projects or to certify elevation information, wherein the public welfare or the safeguarding of life, health, or property is concerned or involved, when such service requires the application of engineering principles and data. A person shall be construed to practice or offer to practice professional engineering within the meaning and intent of this chapter who practices or offers to practice any of the branches of the profession of engineering for the public for any project physically located in this state or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way, represents himself to be a professional engineer or through the use of some other title implies that he is a professional engineer or that he is licensed under this chapter, or holds himself out as able to perform or who does perform for the public for any project physically located in this state, any engineering service or work or any other service designated by the practitioner which is the practice of professional engineering.</p>	<p>a. In regard to educational requirements, the Board will consider as unconditionally approved only those engineering programs that are accredited by the Engineering Accreditation Commission (EAC) of ABET, Inc., or the bachelor of science programs accredited by the Canadian Engineering Accrediting Board, or those bachelor of science engineering programs that are accredited by official organizations recognized by the U.K. Engineering Council. Non-EAC/ABET accredited engineering programs, related science programs, and engineering technology programs will be considered by the Board on their specific merits, but are not considered equal to engineering programs accredited by EAC/ABET. b. An applicant who has completed a four (4) year bachelor degree program in engineering not accredited by EAC/ABET or a four (4) year bachelor degree program in engineering technology, or in a related science degree program other than engineering must have completed specific coursework outlined in Subsection 017.10 (b) (see pg. 7 https://idmnrules.idaho.gov/rules/currennt/24/24301.pdf)</p>	FE and PE for discipline(s),	https://peps.idaho.gov/

Illinois	Professional Engineer	<p>"Professional engineering practice" means the consultation on, conception, investigation, evaluation, planning, and design of, and selection of materials to be used in, administration of construction contracts for, or site observation of, an engineering system or facility, where such consultation, conception, investigation, evaluation, planning, design, selection, administration, or observation requires extensive knowledge of engineering laws, formulas, methods, practice, and construction methods. A person shall be construed to practice or offer to practice professional engineering, within the meaning and intent of this Act, who practices, or who, by verbal claim, sign, advertisement, letterhead, card, or any other way, is represented by a professional engineer, or through the use of the initials "P.E." or the title "engineer" or any of its derivations or some other title implies licensure as a professional engineer, or holds himself or herself out as able to perform any service which is recognized as professional engineering practice. Examples of the practice of professional engineering include, but are not limited to, transportation facilities and publicly owned utilities for a region or community, railroads, highways, subways, canals, harbors, river improvements, land development, stormwater detention, retention, and conveyance, excluding structures defined under Section 5 of the Structural Engineering Practice Act of 1989: irrigation works, aircraft and airports, traffic engineering, waterworks, piping systems, sewers, sewage disposal works, storm sewer, sanitary sewer and water system modeling, plants for the generation of power; devices for the utilization of power; boilers; refrigeration plants, air conditioning systems and plants; heating systems and plants; plants for the transmission or distribution of power; electrical plants which produce, transmit, distribute, or utilize electrical energy; works for the extraction of minerals from the earth; plants for the refining, alloying or treating of metals; chemical works and industrial plants involving the use of chemicals and chemical processes; plants for the production, conversion, or utilization of nuclear, chemical, or radiant energy; forensic engineering; geotechnical engineering including subsurface investigations; soil and rock classification, geology and geology; incidental to the practice of professional engineering; geotechnical investigations, migration pathway analysis (including evaluation of building and site elements), soil and groundwater management zone analysis and design; energy analysis.</p> <p>"Professional engineer" means an individual who, by reason of that individual's special knowledge of the mathematical and physical sciences and the methods of engineering analysis and design which are acquired by education and practical experience, is qualified to engage in the practice of engineering as attested by that individual's registration as a professional engineer.</p> <p>"Practice of engineering" means any service or creative work that the adequate performance of requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to services or creative work that includes the following:</p> <ol style="list-style-type: none"> (1) Consultation. (2) Investigation. (3) Evaluation. (4) Planning, including planning the use of land and water. (5) The design of or the supervision of the design of engineering works and systems. (6) Engineering surveys and studies or the supervision of engineering surveys and studies, including all surveying activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineering projects, but not including the surveying of real property for the establishment of land boundaries, subdivisions, rights-of-way, easements, and the dependent or independent surveys or resurveys of the public land survey system. (7) Evaluation of construction for the purpose of assuring compliance with specifications, plans, and designs, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, work systems, or projects. <p>The term "practice of engineering" does not include the work ordinarily performed by persons who operate or maintain machinery or equipment.</p>	<p>(a) To qualify for licensure as a professional engineer, each applicant shall be:</p> <ol style="list-style-type: none"> (1) a graduate of an approved engineering curriculum of at least 4 years who submits acceptable evidence to the Board of an additional 4 years or more of experience in engineering work of a grade and character that indicate that the individual may be competent to practice professional engineering, and who has passed an examination in the fundamentals of engineering as defined by rule and an examination in the principles and practice of engineering as defined by rule. Upon submitting an application with proof of passing both examinations, the applicant, if otherwise qualified, shall be granted a license to practice professional engineering in this State; or (2) a graduate of a non-approved engineering curriculum or a related science curriculum of at least 4 years and which meets the requirements as set forth by rule by submitting an application to the Department for its review and approval, who submits acceptable evidence to the Board of an additional 8 years or more of experience in engineering work of a grade and character which indicate that the individual may be competent to practice professional engineering, and who has passed an examination in the fundamentals of engineering as defined by rule and an examination in the principles and practice of engineering as defined by rule. Upon submitting the application with proof of passing both examinations, the applicant, if otherwise qualified, shall be granted a license to practice professional engineering in this State; or (3) an Illinois engineer intern, by application and payment of the required fee, may then take an examination in the principles and practice of engineering as defined by rule. If the applicant passes that examination and submits evidence to the Board that meets the experience qualification of paragraph (1) or (2), the applicant, if otherwise qualified, shall be granted a license to practice professional engineering in this State. <p>(b) Allowable experience for licensure shall commence at the date of the baccalaureate degree, except for experience gained while the applicant is a part-time student taking fewer than 12 hours per semester or 8 hours per quarter to earn the degree concurrent with the full-time engineering experience.</p>	FE and PE for discipline(s)	https://www.idpr.com/prdfs/ProEngineer.asp
Indiana	Professional Engineer	<p>"Professional engineer" means an individual who, by reason of that individual's special knowledge of the mathematical and physical sciences and the methods of engineering analysis and design which are acquired by education and practical experience, is qualified to engage in the practice of engineering as attested by that individual's registration as a professional engineer.</p> <p>"Practice of engineering" means any service or creative work that the adequate performance of requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to services or creative work that includes the following:</p> <ol style="list-style-type: none"> (1) Consultation. (2) Investigation. (3) Evaluation. (4) Planning, including planning the use of land and water. (5) The design of or the supervision of the design of engineering works and systems. (6) Engineering surveys and studies or the supervision of engineering surveys and studies, including all surveying activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineering projects, but not including the surveying of real property for the establishment of land boundaries, subdivisions, rights-of-way, easements, and the dependent or independent surveys or resurveys of the public land survey system. (7) Evaluation of construction for the purpose of assuring compliance with specifications, plans, and designs, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, work systems, or projects. <p>The term "practice of engineering" does not include the work ordinarily performed by persons who operate or maintain machinery or equipment.</p>	<p>(a) The following under either subdivision (1) or (2) shall be considered as minimum evidence that the applicant is qualified for registration as a professional engineer:</p> <ol style="list-style-type: none"> (1) All of the following: <ol style="list-style-type: none"> (A) Graduation in an approved engineering curriculum of four (4) years or more. (B) A specific record of four (4) years or more of progressive experience on engineering projects of sufficient quality acquired subsequent to graduation, which experience indicates that the applicant is qualified to be placed in charge of engineering work requiring the exercise of judgment in the application of engineering sciences to the sound solution of engineering problems. (C) The successful passing of an examination as provided for in section 14 of this chapter. (2) All of the following: <ol style="list-style-type: none"> (A) A specific record of eight (8) years or more of engineering education and experience in engineering work, which indicates that the applicant has acquired knowledge and skill and practical experience in engineering work approximating that required for registration as a professional engineer under subdivision (1). (B) The successful passing of an examination as provided for in section 14 of this chapter. 	FE and PE for discipline(s)	https://www.in.gov/pia/engineer.htm
Iowa	Professional Engineer	<p>a. "Practice of engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences, such as consultation, investigation, evaluation, planning, design and design coordination of engineering works and systems, planning the use of land and water, performing engineering surveys and studies, and the review of construction for the purpose of assuring compliance with drawings and specifications, any of which embraces such services or creative work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, pneumatic or thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as may be necessary to the planning, progress, and completion of the services identified in this subsection.</p> <p>b. A person is construed to be engaged in the practice of engineering if the person does any of the following:</p> <ol style="list-style-type: none"> (1) Practices any branch of the profession of engineering. (2) Makes a representation by verbal claim, sign, advertisement, letterhead, card, or other manner that the person is a professional engineer. (3) Uses any title which implies that the person is a professional engineer or that the person is certified under this chapter. (4) The person holds the person's self out as able to perform, or who does perform, any service or work included in the practice of engineering. <p>(1) "Professional engineering" or "practice of engineering" means providing, offering to provide, or holding oneself out as able to provide professional engineering services, the adequate performance of which requires engineering education, training and experience in the application of special knowledge of the mathematical, physical and engineering sciences, including the following: Common technical services, as defined in subsection (g), consulting, investigating, evaluating, planning and designing of engineering works and systems, producing engineering surveys and studies, and preparing any engineering design features which embrace such service or work, either public or private, for any utilities, structures, buildings, machines, equipment, processes, work systems, projects and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, pneumatic or thermal nature, insofar as they involve safeguarding the health, safety, property or welfare of the public.</p> <p>(2) As used in this subsection, the term "engineering surveys" includes all survey activities required to support the sound conception, planning, design, construction, maintenance and operation of engineering projects, but excludes the surveying of real property for the establishment of land boundaries, rights-of-way, easements and the dependent or independent surveys or resurveys of the public land survey system.</p> <p>(3) The term "professional engineering" or "practice of engineering" shall not include those services specifically identified in the definition of "architecture," "landscape architecture," "professional geology" and "professional surveying" except for those services which are included in the term "common technical services," as defined in subsection (g).</p> <p>— (g) "Common technical services" means those services which may be offered or performed by any licensee, are performed within the licensee's defined scope of practice and are further described as follows:</p> <ol style="list-style-type: none"> (1) Representation of clients in connection with contracts entered into between clients and others; (2) coordination of elements of technical submissions prepared by the licensee's consultants; (3) administration of contracts for construction; (3) "Professional engineer" means a person who is licensed as a professional engineer by the board. (4) "Engineering" means any professional service or creative work, the adequate performance of which requires engineering education, training, and experience as an engineer. <p>(a) "Engineering" shall include:</p> <ol style="list-style-type: none"> 1. Consultation, investigation, evaluation, planning, certification, and design of engineering works and systems; a. Engineering design and engineering work associated with design/build projects; b. Engineering works and systems which involve earth materials, water or other liquids, and gases; c. Planning the use of land, air, and waters; and d. Performing engineering surveys and studies; 2. The review of construction for the purpose of assuring compliance with drawings and specifications; any of which embraces this service or work, either public or private, in connection with any utilities, structures, certain buildings, building systems, machines, equipment, processes, work systems, or projects with which the public welfare or the safeguarding of life, health, or property is concerned, when that professional service or work requires the application of engineering principles and data; 3. The teaching of engineering design courses in any program accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology or any engineering program deemed equivalent by the board. 4. The negotiation or solicitation of engineering services on any project in this state, regardless of whether the persons engaged in the practice of engineering: <ol style="list-style-type: none"> a. Are residents of this state; b. Have their principal place of business in this state; or c. Are in responsible charge of the engineering services performed; and 5. The services of a professional engineer who engages in the practice of land surveying incidental to the practice of engineering that does not relate to the location or determination of land boundaries. <p>(12)(a) "Practice of engineering" shall mean responsible professional service which may include consultation, investigation, evaluation, planning, designing, or inspection of construction in connection with any public or private utilities, structures, machines, equipment, processes, works, or projects wherein the public welfare or the safeguarding of life, health, and property is concerned or involved, when such professional service requires the application of engineering principles and the interpretation of engineering data.</p> <p>(b) A person shall be construed to practice or offer to practice engineering, who practices in any discipline of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or who represents himself as able to perform, or who does perform any engineering service or work, or any other professional service designated by the practitioner or recognized by educational authorities as engineering. The practice of engineering shall not include the work ordinarily performed by a person who himself operates or maintains machinery or equipment.</p>	<p>a. As a professional engineer:</p> <ol style="list-style-type: none"> (1) (a) Graduation from a course in engineering of four years or more in a school or college which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental engineering subjects. Rule Add: Graduation from an engineering program of four years or more. (1) If an applicant did not graduate from an Accreditation Board of Engineering and Technology/Engineering Accreditation Commission (ABET/EAC/ABET) or Canadian Engineering Accreditation Board (CEAB)-accredited curriculum, the applicant must also complete, in addition to the engineering degree, one extra year of practical experience satisfactory to the board after receiving an engineering degree. (2) An engineering technology curriculum does not constitute an engineering program of four years or more. (3) In addition to any other requirement, a specific record of four years or more of practical experience in engineering work which is of a character satisfactory to the board. 	FE and PE for discipline(s)	https://iib.iowa.gov/board/engineers-land-surveyors/
Kansas	Professional Engineer	<p>(1) "Professional engineering" or "practice of engineering" means providing, offering to provide, or holding oneself out as able to provide professional engineering services, the adequate performance of which requires engineering education, training and experience in the application of special knowledge of the mathematical, physical and engineering sciences, including the following: Common technical services, as defined in subsection (g), consulting, investigating, evaluating, planning and designing of engineering works and systems, producing engineering surveys and studies, and preparing any engineering design features which embrace such service or work, either public or private, for any utilities, structures, buildings, machines, equipment, processes, work systems, projects and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, pneumatic or thermal nature, insofar as they involve safeguarding the health, safety, property or welfare of the public.</p> <p>(2) As used in this subsection, the term "engineering surveys" includes all survey activities required to support the sound conception, planning, design, construction, maintenance and operation of engineering projects, but excludes the surveying of real property for the establishment of land boundaries, rights-of-way, easements and the dependent or independent surveys or resurveys of the public land survey system.</p> <p>(3) The term "professional engineering" or "practice of engineering" shall not include those services specifically identified in the definition of "architecture," "landscape architecture," "professional geology" and "professional surveying" except for those services which are included in the term "common technical services," as defined in subsection (g).</p> <p>— (g) "Common technical services" means those services which may be offered or performed by any licensee, are performed within the licensee's defined scope of practice and are further described as follows:</p> <ol style="list-style-type: none"> (1) Representation of clients in connection with contracts entered into between clients and others; (2) coordination of elements of technical submissions prepared by the licensee's consultants; (3) administration of contracts for construction; (3) "Professional engineer" means a person who is licensed as a professional engineer by the board. (4) "Engineering" means any professional service or creative work, the adequate performance of which requires engineering education, training, and experience as an engineer. <p>(a) "Engineering" shall include:</p> <ol style="list-style-type: none"> 1. Consultation, investigation, evaluation, planning, certification, and design of engineering works and systems; a. Engineering design and engineering work associated with design/build projects; b. Engineering works and systems which involve earth materials, water or other liquids, and gases; c. Planning the use of land, air, and waters; and d. Performing engineering surveys and studies; 2. The review of construction for the purpose of assuring compliance with drawings and specifications; any of which embraces this service or work, either public or private, in connection with any utilities, structures, certain buildings, building systems, machines, equipment, processes, work systems, or projects with which the public welfare or the safeguarding of life, health, or property is concerned, when that professional service or work requires the application of engineering principles and data; 3. The teaching of engineering design courses in any program accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology or any engineering program deemed equivalent by the board. 4. The negotiation or solicitation of engineering services on any project in this state, regardless of whether the persons engaged in the practice of engineering: <ol style="list-style-type: none"> a. Are residents of this state; b. Have their principal place of business in this state; or c. Are in responsible charge of the engineering services performed; and 5. The services of a professional engineer who engages in the practice of land surveying incidental to the practice of engineering that does not relate to the location or determination of land boundaries. <p>(12)(a) "Practice of engineering" shall mean responsible professional service which may include consultation, investigation, evaluation, planning, designing, or inspection of construction in connection with any public or private utilities, structures, machines, equipment, processes, works, or projects wherein the public welfare or the safeguarding of life, health, and property is concerned or involved, when such professional service requires the application of engineering principles and the interpretation of engineering data.</p> <p>(b) A person shall be construed to practice or offer to practice engineering, who practices in any discipline of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or who represents himself as able to perform, or who does perform any engineering service or work, or any other professional service designated by the practitioner or recognized by educational authorities as engineering. The practice of engineering shall not include the work ordinarily performed by a person who himself operates or maintains machinery or equipment.</p>	<ol style="list-style-type: none"> 1. Graduate of a minimum baccalaureate engineering program accredited by the Engineering Accreditation Commission of ABET (EAC/ABET). An engineering technology degree does not meet the educational requirements. Any applicant with a baccalaureate engineering degree from outside the United States must have that degree evaluated by NCEES before educational credit may be considered by the board. Rule adds: "A college or university program that is adequate in its preparation of students for the practice of engineering" shall mean any of the following: <ol style="list-style-type: none"> (a) A baccalaureate engineering curriculum accredited by the engineering accreditation of the accreditation board for engineering and technology (EAC/ABET); (b) A curriculum for a master's degree or doctorate in engineering, if all college coursework is reviewed and approved by the board and found to be of a standard equivalent to that of an ABET-accredited baccalaureate engineering curriculum; or (c) A baccalaureate engineering curriculum outside the United States that has not been accredited by ABET but meets the following requirements: <ol style="list-style-type: none"> (1) It is evaluated by an organization approved by the board and found to be of a standard equivalent to that of ABET; and (2) It is reviewed and approved by the board. 2. Completed four (4) years of satisfactory engineering experience under a licensed PE following the date you received an engineering degree. 	FE and PE for discipline(s)	https://www.ksbtp.ko.gov/pr/offesions/engineers
Kentucky	Professional Engineer	<p>(a) A person shall qualify if he or she has:</p> <ol style="list-style-type: none"> 1. Graduated from an engineering program of four (4) years or more accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology or any engineering program deemed equivalent by the board. 2. Four (4) or more additional years of progressive experience in engineering or teaching of a grade and character which indicates to the board that the applicant is competent to practice engineering. <p>Rule: (3) One (1) year of credit may be approved for completion of a master's degree in engineering in an EAC/ABET-accredited program, or one deemed equivalent by the board.</p> <ol style="list-style-type: none"> (4) Experience that violates KRS Chapter 322 shall not be approved. (5) Engineering experience gained in the military services may be approved. (6) Sales experience may be approved if engineering principles were required and used in that experience. (7) Experience gained in teaching advanced-level engineering-related courses in a four (4) year EAC/ABET-accredited program, or one (1) deemed equivalent by the board, may be approved. (8) Experience gained in engineering research and design projects by faculty in an EAC/ABET-accredited program, or one deemed equivalent by the board, may be approved. (9) Experience may be approved for execution or supervision of construction projects designed by a professional engineer. (10) The applicant shall demonstrate why experience not gained under the supervision of a professional engineer is eligible for credit. (11) Qualifying experience shall be complete at the time of application for licensure. (12) Qualifying experience required by KRS 322.040(1)(a) shall be gained following graduation from the engineering program required by the provisions of KRS 322.040(1)(a) except that up to three (3) months of experience may be granted for qualifying experience earned while on active duty in the armed forces prior to graduating. <p>(1) An engineer intern shall be either:</p> <ol style="list-style-type: none"> (a) A graduate of an accredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (b) A graduate of a nonaccredited engineering or related science or technology curriculum of four years or more, approved by the board as being of satisfactory standing, who has obtained a graduate degree from a university having an accredited undergraduate engineering curriculum in the same discipline or sub-discipline, approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (c) A graduate of a nonaccredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (2) A professional engineer shall be either: <ol style="list-style-type: none"> (a) An engineer intern, or an individual who meets the qualifications to be an engineer intern, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (b) An individual who holds a valid license to engage in the practice of engineering issued to him by proper authority of a state, territory, or possession of the United States, or the District of Columbia, based on requirements that do not conflict with the provisions of this Chapter and which were of a standard not lower than that specified in the applicable licensure laws in effect in Louisiana at the time such license was issued, who is of good character and reputation, and who has satisfied the requirements of R.S. 37.694, and if the state, territory, or possession, or the District of Columbia, in which he is licensed will 	<p>(a) A person shall qualify if he or she has:</p> <ol style="list-style-type: none"> 1. Graduated from an engineering program of four (4) years or more accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology or any engineering program deemed equivalent by the board. 2. Four (4) or more additional years of progressive experience in engineering or teaching of a grade and character which indicates to the board that the applicant is competent to practice engineering. <p>Rule: (3) One (1) year of credit may be approved for completion of a master's degree in engineering in an EAC/ABET-accredited program, or one deemed equivalent by the board.</p> <ol style="list-style-type: none"> (4) Experience that violates KRS Chapter 322 shall not be approved. (5) Engineering experience gained in the military services may be approved. (6) Sales experience may be approved if engineering principles were required and used in that experience. (7) Experience gained in teaching advanced-level engineering-related courses in a four (4) year EAC/ABET-accredited program, or one (1) deemed equivalent by the board, may be approved. (8) Experience gained in engineering research and design projects by faculty in an EAC/ABET-accredited program, or one deemed equivalent by the board, may be approved. (9) Experience may be approved for execution or supervision of construction projects designed by a professional engineer. (10) The applicant shall demonstrate why experience not gained under the supervision of a professional engineer is eligible for credit. (11) Qualifying experience shall be complete at the time of application for licensure. (12) Qualifying experience required by KRS 322.040(1)(a) shall be gained following graduation from the engineering program required by the provisions of KRS 322.040(1)(a) except that up to three (3) months of experience may be granted for qualifying experience earned while on active duty in the armed forces prior to graduating. <p>(1) An engineer intern shall be either:</p> <ol style="list-style-type: none"> (a) A graduate of an accredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (b) A graduate of a nonaccredited engineering or related science or technology curriculum of four years or more, approved by the board as being of satisfactory standing, who has obtained a graduate degree from a university having an accredited undergraduate engineering curriculum in the same discipline or sub-discipline, approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (c) A graduate of a nonaccredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (2) A professional engineer shall be either: <ol style="list-style-type: none"> (a) An engineer intern, or an individual who meets the qualifications to be an engineer intern, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (b) An individual who holds a valid license to engage in the practice of engineering issued to him by proper authority of a state, territory, or possession of the United States, or the District of Columbia, based on requirements that do not conflict with the provisions of this Chapter and which were of a standard not lower than that specified in the applicable licensure laws in effect in Louisiana at the time such license was issued, who is of good character and reputation, and who has satisfied the requirements of R.S. 37.694, and if the state, territory, or possession, or the District of Columbia, in which he is licensed will 	FE and PE for discipline(s)	https://kyboels.ky.gov/Page/s/default.aspx
Louisiana	Professional Engineer	<p>(12)(a) "Practice of engineering" shall mean responsible professional service which may include consultation, investigation, evaluation, planning, designing, or inspection of construction in connection with any public or private utilities, structures, machines, equipment, processes, works, or projects wherein the public welfare or the safeguarding of life, health, and property is concerned or involved, when such professional service requires the application of engineering principles and the interpretation of engineering data.</p> <p>(b) A person shall be construed to practice or offer to practice engineering, who practices in any discipline of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or who represents himself as able to perform, or who does perform any engineering service or work, or any other professional service designated by the practitioner or recognized by educational authorities as engineering. The practice of engineering shall not include the work ordinarily performed by a person who himself operates or maintains machinery or equipment.</p>	<p>(a) A graduate of an accredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694.</p> <p>(b) A graduate of a nonaccredited engineering or related science or technology curriculum of four years or more, approved by the board as being of satisfactory standing, who has obtained a graduate degree from a university having an accredited undergraduate engineering curriculum in the same discipline or sub-discipline, approved by the board as being of satisfactory standing, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694.</p> <p>(c) A graduate of a nonaccredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694.</p> <p>(2) A professional engineer shall be either:</p> <ol style="list-style-type: none"> (a) An engineer intern, or an individual who meets the qualifications to be an engineer intern, who has met the requirements for progressive engineering experience in work acceptable to the board, who is of good character and reputation, who has passed the written or electronic examinations required by the board, and who has satisfied the requirements of R.S. 37.694. (b) An individual who holds a valid license to engage in the practice of engineering issued to him by proper authority of a state, territory, or possession of the United States, or the District of Columbia, based on requirements that do not conflict with the provisions of this Chapter and which were of a standard not lower than that specified in the applicable licensure laws in effect in Louisiana at the time such license was issued, who is of good character and reputation, and who has satisfied the requirements of R.S. 37.694, and if the state, territory, or possession, or the District of Columbia, in which he is licensed will 	FE and PE for discipline(s)	https://www.lapels.com/

Montana	Professional Engineer	<p>(a) "Practice of engineering" means:</p> <p>(i) any service or creative work the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to the services or creative work as consultation, investigation, evaluation, planning and design of engineering works and systems, planning the use of water, teaching of advanced engineering subjects, engineering surveys, and the inspection of construction for the purpose of ensuring compliance with drawings and specifications;</p> <p>(ii) any of the functions described in subsection (7)(a)(i) that embrace the services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and industrial or consumer products or equipment of mechanical, electrical, hydraulic, pneumatic, or thermal nature insofar as they involve safeguarding life, health, or property.</p> <p>(b) The term includes other professional services necessary to the planning, progress, and completion of any engineering services.</p> <p>(c) The term does not include the work ordinarily performed by persons who operate or maintain machinery or equipment, communication lines, signal circuits, electric powerlines, or pipelines.</p>	<p>One of the following:</p> <p>(a) a baccalaureate degree in engineering or engineering technology in a board-approved curriculum, passage of the fundamentals of engineering examination, certification as an engineer intern, a specific record of at least 4 years of progressive experience under the supervision of a licensed professional engineer, and references as required by the board;</p> <p>(b) a master's degree in engineering or engineering technology in a board-approved curriculum, passage of the fundamentals of engineering examination, certification as an engineer intern, a specific record of at least 4 years of progressive experience under the supervision of a licensed professional engineer, and references as required by the board;</p> <p>(c) a baccalaureate degree in an engineering, engineering technology, or other science curriculum, passage of the fundamentals of engineering examination, certification as an engineer intern, a specific record of at least 20 years of experience on engineering projects that indicate to the board that the applicant is competent to practice engineering, with at least 10 years of that experience under the supervision of a licensed professional engineer, and references as required by the board;</p> <p>(d) a doctoral degree in engineering from an institution with an engineering program approved by the board, passage of the fundamentals of engineering examination, certification as an engineer intern, a specific record of at least 2 years of progressive experience in engineering projects of a grade and character that indicate to the board that the applicant is competent to practice engineering, and references as required by the board; or</p> <p>(e) a doctoral degree in engineering from an institution with an engineering program approved by the board, a specific record of at least 4 years of progressive experience on engineering projects that indicate to the board that the applicant is competent to practice engineering, and references as required by the board.</p>	FE and PE for discipline(s),	http://boards.bsd.dil.mt.gov/pe/
Nebraska	PE	<p>(1) Practice of engineering means any service or creative work that requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences. The services may include, but not be limited to, planning, providing studies, designs, drawings, specifications, and other technical submissions, and administering construction contracts. The practice of engineering does not include the practice of architecture.</p> <p>(2) A person shall be construed to practice engineering, within the meaning and intent of the Engineers and Architects Regulation Act, if he or she:</p> <p>(a) Practices any discipline of the profession of engineering or holds himself or herself out as able and entitled to practice any discipline of engineering;</p> <p>(b) By verbal claim, sign, advertisement, letterhead, or card in any other way, represents himself or herself to be a professional engineer; or</p> <p>(c) Through the use of some other title, implies that he or she is a professional engineer or licensed under the Engineers and Architects Regulation Act.</p>	<p>A degree from an EAC/ABET-accredited engineering program OR meeting the NCEES Engineering Education Standard: Four years of progressive engineering experience after a four-year engineering program or equivalent; A Master's degree in engineering may be credited for one year of experience if it is preceded by an EAC/ABET-accredited baccalaureate degree. Exception: When the Master's degree is the EAC/ABET-accredited degree, it cannot be used for experience credit. A Doctorate degree in engineering may be credited for two years of experience if it is preceded by an EAC/ABET-accredited degree. This includes one year for the Master's degree.</p>	FE and PE for discipline(s), NE Specific	https://eas.nebraska.gov/
Nevada	Professional Engineer	<p>NRS 625.050 "Practice of professional engineering" defined.</p> <p>1. "The practice of professional engineering" includes, but is not limited to:</p> <p>(a) Any professional service which involves the application of engineering principles and data, such as surveying, consultation, investigation, evaluation, planning and design, or responsible supervision of construction or operation in connection with any public or private utility, structure, building, machine, equipment, process, work or project, wherein the public welfare or the safeguarding of life, health or property is concerned or involved.</p> <p>(b) Such other services as are necessary to the planning, progress and completion of any engineering project or to the performance of any engineering service.</p> <p>2. The practice of engineering does not include land surveying or the work ordinarily performed by persons who operate or maintain machinery or equipment.</p>	<p>Must have one of the following:</p> <p>A bachelor's degree in engineering from an EAC/ABET accredited program.</p> <p>A bachelor's degree in engineering from an EAC/ABET accredited program, or related science curriculum.</p> <p>A master's degree in engineering from an institution that offers EAC/ABET accredited programs.</p> <p>An earned doctoral degree in engineering from an institution that offers EAC/ABET accredited programs.</p> <p>Experience</p> <p>Accrued four (4) or more years progressive engineering experience satisfactory to the board. The experience is to indicate that the applicant is competent to be placed in responsible charge of engineering work. Relevant experience is to include one or more of the following:</p> <p>Engineering Design; Engineering Calculations; Preparation and Review of Engineering Specifications; Planning, Design, and Construction Oversight of Engineering Works; Preparation and Review of Engineering Plans and Related Documents; and/or Engineering Analysis.</p> <p>Two (2) of the four (4) years of experience is to have been completed under the supervision of a professional engineer who is licensed in the discipline in which the applicant is applying for licensure unless this requirement is waived by the board.</p> <p>Graduation with EAC/ABET accredited master's or doctoral degree in a discipline of engineering is the equivalent of two (2) years active experience.</p> <p>For bachelor's degree graduates, active experience is accrued post-graduation. For master's or doctoral graduates, the two (2) years of active experience cannot be accrued concurrent with post-graduate study.</p>	FE and PE for discipline(s),	https://wvtpels.org/
New Hampshire	Professional Engineer	<p>"Practice of engineering" means any professional service or creative work requiring education, training, experience, and the application of advanced knowledge of mathematics and physical sciences, involving the constant exercise of discretion and judgment, to such services or work as consultation, investigation, evaluation, planning, design, responsible oversight of construction, and responsible oversight of operation, in connection with any public or private utilities, structure, buildings, machines, equipment, processes, works, or projects, wherein the public welfare, or the safeguarding of life, health, or property is concerned.</p>	<p>I. Applicants who have the minimum of a bachelor of science degree, or the equivalent, from an Accreditation Board for Engineering and Technology (ABET) or other accredited 4-year institution in an engineering curriculum, certification as an "engineer-in-training" as a result of a NCEES fundamentals of engineering proctored examination and 4 years of accumulated engineering experience under the direction of a licensed professional engineer and satisfactory to the board may apply to sit for the professional engineers examination.</p> <p>II. Applicants who have the minimum of a bachelor of science degree, or the equivalent, from an ABET or other accredited 4-year institution in an engineering curriculum and more than 10 years of accumulated engineering experience under the direction of a licensed professional engineer and satisfactory to the board may apply to sit for the professional engineers examination. Such an applicant may request a waiver of the fundamentals of engineering examination.</p> <p>III. Applicants with a minimum of 25 years of engineering experience of which at least 10 years shall have been in responsible charge of engineering work satisfactory to the board may apply for licensure under this section on the basis of education and experience, provided that they have successfully passed the professional engineers examination required by RSA 310-A:17.</p> <p>IV. Whenever the evidence presented in an application under paragraph I, II, or III does not appear to the board conclusive and warranting the issuance of a license, the applicant shall be required to pass a proctored examination, as the board may determine.</p>	FE and PE for discipline(s),	https://www.opic.nh.gov/news/
New Jersey	Professional Engineer	<p>The terms "practice of engineering" or "professional engineering" within the meaning and intent of this chapter shall mean any service or creative work the adequate performance of which requires engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such services or creative work as consultation, investigation, evaluation, planning and design of engineering works and systems, planning the use of land and water, engineering studies, and the administration of construction for the purpose of determining compliance with drawings and specifications; any of which embraces such services or work, either public or private, in connection with any engineering project including: utilities, structures, buildings, machines, equipment, processes, work systems, projects, telecommunications, or equipment of a mechanical, electrical, hydraulic, pneumatic or thermal nature, insofar as they involve safeguarding life, health or property, and including such other professional services as may be necessary to the planning, progress and completion of any engineering services. The design of buildings by professional engineers shall be consistent with section 7 of the "Building Design Services Act," P.L.1989, c.277 (C.45:4B-7). The practice of professional engineering shall not include the work ordinarily performed by persons who operate or maintain machinery or equipment. The provisions of this chapter shall not be construed to prevent or affect the employment of architects in connection with engineering projects within the</p>	<p>a. Graduation from a board approved curriculum in engineering of four years or more; a specific record of an additional four years or more of experience in engineering work of a character satisfactory to the board, and indicating that the applicant is competent to be placed in responsible charge of such work; and successfully passing all parts of the written examination; or</p> <p>b. Graduation from a board approved curriculum in engineering technology of four years or more; a specific record of an additional six years or more of experience in engineering work of a character satisfactory to the board, and indicating that the applicant is competent to be placed in responsible charge of such work; and successfully passing all parts of the written examination; or</p> <p>c. Graduation from a board approved curriculum in engineering or engineering technology of four years or more; a specific record of an additional 15 years or more of experience in engineering work of a character satisfactory to the board and indicating that the applicant is competent to be placed in responsible charge of such work; and successfully passing the specialized portion of the written examination which is designated as Part P.</p> <p>Completion of a master's degree in engineering shall be considered as equivalent to one year of engineering experience and completion of a doctor's degree in engineering shall be considered as equivalent to one additional year of engineering experience.</p>	FE and PE (Part P)	https://www.njcnsonmeraffalrs.gov/pels
New Mexico	Professional Engineer	<p>"engineering," "practice of engineering" or "engineering practice" means any creative or engineering work that requires engineering education, training and experience in the application of special knowledge of the mathematical, physical and engineering sciences to such creative work as consultation, investigation, forensic investigation, evaluation, planning and design of engineering works and systems, expert technical testimony, engineering studies and the review of construction for the purpose of assuring substantial compliance with drawings and specifications; any of which embrace such creative work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, chemical, pneumatic, environmental or thermal nature, insofar as they involve safeguarding life, health or property, and including such other professional services as may be necessary to the planning, progress and completion of any engineering work. The "practice of engineering" may include the use of photogrammetric methods to derive topographical and other data. The "practice of engineering" does not include responsibility for the supervision of construction, site conditions, operations, equipment, personnel or the maintenance of safety in the work place.</p>	<p>(1) the applicant is certified as an engineer intern and has at least one of the following:</p> <p>(a) received a bachelor's degree in an engineering discipline recognized by the board from a program accredited by the engineering accreditation commission or a program that fulfills the required content of the engineering education standard as defined by the national council of examiners for engineering and surveying and has at least four years of engineering experience subsequent to receiving the degree;</p> <p>(b) received a bachelor's degree in an engineering discipline recognized by the board from a foreign educational institution where the program that was completed fulfills the required content of the engineering education standard as defined by the national council of examiners for engineering and surveying and has at least four years engineering experience in the United States subsequent to receiving the degree;</p> <p>(c) received a master's degree in an engineering discipline recognized by the board from a program accredited by the engineering accreditation commission or an institution that offers programs accredited by the engineering accreditation commission or that fulfills the required content of the engineering education standard as defined by the national council of examiners for engineering and surveying and has at least three years of engineering experience in the United States subsequent to receiving the degree;</p> <p>(d) received a master's degree in an engineering discipline recognized by the board from a foreign educational institution where the program that was completed fulfills through evaluation the required curricular content and educational standards as defined by the national council of examiners for engineering and surveying and has at least three years engineering experience in the United States subsequent to receiving the degree;</p> <p>(e) received a doctorate degree in an engineering discipline recognized by the board from a board approved engineering curriculum and has at least two years of engineering experience subsequent to receiving the degree; or</p> <p>(f) at least six years of board-approved engineering experience after graduation from a school offering a board-approved, four-year engineering technology curriculum accredited by the technology accreditation commission of the accreditation board for engineering and technology, including the two years for engineer intern certification; or</p> <p>(2) the applicant is not certified as an engineer intern and has at least one of the Education and Experience Requirements</p>	FE and PE for discipline(s) (up to three, see note)	http://www.dlpels.state.nm.us/
New York	Professional Engineer	<p>The practice of the profession of engineering is defined as performing professional service such as consultation, investigation, evaluation, planning, design or supervision of construction or operation in connection with any utilities, structures, buildings, machines, equipment, processes, works, or projects wherein the safeguarding of life, health and property is concerned, when such service or work requires the application of engineering principles and data.</p>	<p>A total of 61 years of credit is required for admission to the Fundamentals of Engineering examination (Part A)</p> <p>A total of 12 years of credit is required for admission to the Principles and Practice examination (Part B) for licensure. See the table at http://www.op.nysed.gov/profpels/eeexchart.pdf for a breakdown</p>	FE and PE for discipline(s),	http://www.op.nysed.gov/profpels/

North Carolina	Professional Engineer	<p>Practice of engineering -</p> <p>a. Any service or creative work, the adequate performance of which requires engineering education, training, and experience, in the application of special knowledge of the mathematical, physical, and engineering sciences to such service or creative work as consultation, investigation, evaluation, planning, and design of engineering works and systems, planning the use of land and water, engineering surveys, and the observation of construction for the purposes of assuring compliance with drawings and specifications, including the consultation, investigation, evaluation, planning, and design for either private or public use, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and industrial or consumer products or equipment of a mechanical, electrical, pneumatic or thermal nature, insofar as they involve safeguarding life, health or property, and including such other professional services as may be necessary to the planning, progress and completion of any engineering services.</p> <p>A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this Chapter, who practices any branch of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents the person to be a professional engineer, or through the use of some other title implies that the person is a professional engineer or that the person is licensed under this Chapter, or who holds the person out as able to perform, or who does perform any engineering service or work not exempted by this Chapter, or any other service designated by the practitioner which is recognized as engineering.</p> <p>b. The term "practice of engineering" shall not be construed to permit the location, description, establishment or reestablishment of property lines or descriptions of land boundaries for conveyance. The term does not include the assessment of an underground storage tank required by applicable rules at closure or change in service unless there has been a discharge or release of the product from the tank.</p>	<p>Education requirement - Possess one or more of the following educational qualifications:</p> <p>a. a bachelor's degree in engineering from an EAC/ABET accredited program or in a related science curriculum which has been approved by the Board as being of satisfactory standing;</p> <p>b. a bachelor's degree in an engineering curriculum or related science curriculum of four years or more, other than curricula approved by the Board as being of satisfactory standing in sub-division a, of this subdivision;</p> <p>c. a master's degree in engineering from an institution that offers EAC/ABET accredited programs;</p> <p>d. an earned doctoral degree in engineering from an institution that offers EAC/ABET accredited programs and in which the degree requirements are approved by the Board.</p> <p>(2) Examination requirements - Take and pass the Fundamentals of Engineering (FE) examination. Take and pass the Principles and Practice of Engineering (PE) examination as provided by G.S. 89C-18, after having met the education requirement set forth in subdivision (1) of this subsection.</p> <p>(3) Experience requirement - Present evidence satisfactory to the Board of a specific record of progressive engineering experience that is of a grade and character that indicates to the Board that the applicant is competent to practice engineering. The Board may adopt rules to specify the years of experience required based on educational attainment, provided the experience requirement for an applicant who qualifies under sub-division (1)a. of this subsection shall be no less than four years and for an applicant who qualifies under sub-division (1) b. of this subsection, no less than eight years.</p>	FE and PE for discipline(s),	https://www.ncbels.org/
North Dakota	Professional Engineer	<p>"Practice of engineering and practice of professional engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work as consultation, investigation, evaluation, planning and design of engineering works and systems, engineering teaching of advanced engineering subjects or courses related thereto, engineering surveys, and the inspection of construction for the purpose of assuring compliance with drawings and specifications, any of which embraces such service or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, or projects as are incidental to the practice of engineering. A person must be construed to practice or offer to practice engineering if the person practices any branch of the profession of engineering, if the person, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents that the person is an engineer and is able to practice engineering in this state if the person through the use of some other title implies that the person is an engineer or that the person is registered under this chapter, or if the person holds himself out as able to perform, or does perform any engineering service or work or any other service that is recognized as engineering, for a valuable consideration for others, including the public at large.</p>	<p>One of the following:</p> <ol style="list-style-type: none"> 1. is an engineer intern with a baccalaureate degree in engineering from an institution offering accredited programs approved by the board as being of satisfactory standing, who has a specific record of an additional four years or more of experience in engineering work of a grade and character which indicates to the board that the applicant may be competent to practice engineering. 2. is an engineer intern with a baccalaureate degree in engineering from a program that is not accredited but is approved by the board, who has eight years or more of progressive experience in engineering work of a character and grade which indicates to the board that the applicant is competent to practice engineering. 3. is an engineer intern with a specific record of at least twenty years of lawful practice in engineering work during at least ten years of which the applicant has been in responsible charge of important engineering work which is of a grade and character that indicates to the board that the applicant is competent to practice engineering, who has been reviewed for the fundamentals of engineering examination by the board before July 1, 2004, and who holds a valid engineer intern certificate as of January 1, 2005. 4. is an engineer intern who meets one of the educational requirements listed in subsection 1, 2, or 5, who has been a teacher of engineering in a college or university offering an approved engineering curriculum of four years or more, and who has had a minimum of two years of nonteaching engineering experience that is of a character and grade that indicates to the board that the applicant is competent to practice engineering. 5. is an engineer intern with a baccalaureate degree in an engineering-related program, who has at least twelve years of progressive experience in engineering work of a character and grade which indicates to the board that the applicant is competent to practice engineering. 	FE and PE for discipline(s),	https://ndpels.board.org/
Ohio	Professional Licensing	<p>"The practice of engineering" includes any professional service, such as consultation, investigation, evaluation, planning, design, or inspection of construction or operation for the purpose of assuring compliance with drawings or specifications in connection with any public or privately owned public utilities, structures, buildings, machines, equipment, processes, works, or projects in the proper rendering of which the qualifications of section 4733.11 of the Revised Code are required to protect the public welfare or to safeguard life, health, or property.</p>	<p>One of the following:</p> <p>(1)(A) Graduation from an accredited engineering curriculum of four years or more;</p> <p>(B) A specific record of four years or more of practical experience in engineering work completed in addition to, and not overlapping in time, any school work completed under division (A)(1)(a) of this section that is acceptable to the board, not more than two years of which may be before graduation but after the completion of the second year of college, indicating that the applicant is competent to be placed in responsible charge of such work;</p> <p>OR</p> <p>(2)(A) Graduation from a college curriculum in engineering of four years or more that is not accredited, whose curricula is evaluated by the board and found to be of a high quality essentially equal to the curricula that are accredited by ABET, Inc., or graduation from a college curriculum in engineering technology of four years or more that is accredited by the engineering technical accreditation commission of ABET, Inc.;</p> <p>(B) Eight years or more of practical experience in engineering work completed in addition to, and not overlapping in time, any school work completed under division (A)(2)(a) of this section that is acceptable to the state board of registration for professional engineers and surveyors, not more than two years of which may be before college graduation but after completion of the second year of college, indicating that the applicant is competent to be placed in responsible charge of such work.</p>	FE and PE for discipline(s),	https://www.pepa.ohio.gov/BoardInformation.aspx
Oklahoma	Professional Engineer	<p>"Practice of engineering" means any service or creative work requiring engineering education, training and experience in the application of engineering principles and the interpretation of engineering data to engineering activities that may impact the life, health property and welfare of the public. The services may include, but are not limited to, such services or creative work as:</p> <ol style="list-style-type: none"> a. consultation, b. investigation, c. evaluation, d. planning and design of engineering works and systems, e. planning the engineering use of land and water, f. teaching of advanced engineering subjects or courses related thereto, g. engineering research, h. engineering surveys, i. engineering studies, j. engineering reports, k. written engineering opinions, l. the inspection or review of construction for the purposes of ensuring compliance with drawings and specifications, and m. engineering reports or like material developed in connection with expert witness testimony or anticipated testimony, any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, communication systems, transportation systems and industrial or consumer products or equipment of a mechanical, electrical, pneumatic, hydraulic, pneumatic, thermal, control system or communications in nature, insofar as they involve safeguarding life, health or property, and including such other professional services as may be necessary. To the design review and integration of a multidisciplinary work, planning, progress and completion of any engineering services. <p>Design review and integration includes the design review and integration of those technical submissions prepared by others, including as appropriate and without limitation:</p> <p>"Practice of engineering" or "practice of professional engineering" means any of the following when done for others:</p> <ol style="list-style-type: none"> (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: <ol style="list-style-type: none"> (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. 	<p>1. Education Requirements. An individual seeking licensure as a professional engineer shall possess one or more of the following education qualifications:</p> <ol style="list-style-type: none"> a. a bachelor's degree in engineering from an EAC/ABET-accredited program, or the equivalent; b. a bachelor's degree in a Board-approved related science degree program; c. a master's degree in engineering from an institution that offers EAC/ABET-accredited programs; d. a master's degree in engineering from an EAC/ABET-accredited program, or e. an earned doctoral degree in engineering acceptable to the Board. <p>2. Non-U.S., non-EAC/ABET-accredited degrees which are not approved by the Board may be considered following a degree evaluation by an evaluation service approved by the Board. The maximum equivalency granted for degrees found not to be substantially equivalent to an EAC/ABET degree shall be that of a related science degree. Deficiencies outlined in the degree evaluation may be corrected with further education approved by the Board which may allow the applicant's education to be advanced to an equivalent status. Non-U.S., non-EAC/ABET-accredited degrees approved by the Board may be considered without a degree evaluation. The maximum equivalency granted for these Board-approved degrees shall be that of an equivalent degree.</p> <p>3. Examination Requirements. The Board may waive the FE examination requirement for the issuance of a license if the applicant possesses, at a minimum, fifteen (15) years of progressive experience on engineering projects which indicate to the Board the applicant may be competent to practice engineering. The Board shall evaluate all elements of the application, according to Board rules, to assess waiver requests.</p> <p>4. Experience Requirements. An individual seeking licensure as a professional engineer shall present evidence of a specific record of progressive engineering experience satisfying one of the following. This experience should be progressive and of a grade and character that indicate to the Board that the applicant may be competent to practice engineering:</p> <ol style="list-style-type: none"> a. an individual with a bachelor's degree in engineering pursuant to subparagraph (a) of paragraph 1 of this subsection, four (4) years of experience after the bachelor's degree is a minimum qualifications for registration as a professional engineer. As minimum evidence of qualification for registration as a professional engineer, an applicant must: <ol style="list-style-type: none"> (1) Except as provided in ORS 672.146, provide evidence of graduation in a college or university engineering program of four years or more approved by the State Board of Examiners for Engineering and Land Surveying; (2) Except as provided in ORS 672.103, pass, or provide evidence of having previously passed, a fundamentals of engineering examination approved by the board; (3) Pass, or provide evidence of having previously passed, a practical engineer's examination approved by the board; (4) Have a work record of four years or more of active practice in engineering work satisfactory to the board; and (5) Meet any additional requirements for registration as a professional engineer adopted by the board under ORS 672.255. <p>672.103 Examination waiver. The State Board of Examiners for Engineering and Land Surveying may waive the fundamentals of engineering examination requirement for an applicant for registration under ORS 672.098 if the applicant has, for at least 25 years prior to the date of the registration application, held a registration or license to practice professional engineering in another state, a territory or possession of the United States, the District of Columbia or a foreign country.</p>	FE and PE for discipline(s),	https://www.ok.gov/pels/
Oregon	Professional Engineer	<p>(1) "Practice of Engineering" shall mean the application of the mathematical and physical sciences for the design of public or private buildings, structures, machines, equipment, processes, works or engineering systems, and the consultation, investigation, evaluation, engineering surveys, construction management, planning and inspection in connection therewith, the performance of the foregoing acts and services being prohibited to persons who are not licensed under this act as professional engineers unless exempt under other provisions of this act.</p> <p>(2) The term "Practice of Engineering" shall also mean and include related acts and services that may be performed by other qualified persons, including but not limited to, municipal planning, incidental landscape architecture, teaching, construction, maintenance and research but licensure under this act to engage in or perform any such related acts and services shall not be required.</p> <p>(3) The foregoing shall not be deemed to include the practice of architecture as such, for which separate registration is required under the provisions of the act of July 12, 1919 (P.L.933, No. 369), entitled "An act to regulate the practice of architecture in the Commonwealth of Pennsylvania by providing for the examination and registration of architects by a State Board of Examiners, defining the power and duties of said board of examiners, and providing penalties for the violation of this act," excepting only architectural work incidental to the "practice of engineering."</p> <p>(4) The "Practice of Engineering" shall not preclude the practice of the sciences which shall include but not be limited to: soil science, geology, physics and chemistry.</p>	<p>Each Candidate shall possess one of the following qualifications:</p> <ol style="list-style-type: none"> (i) Graduation from an undergraduate civil engineering curriculum in the United States accredited by ABET, including a minimum of 10 credit hours of instruction in surveying or graduation from an undergraduate 4-year surveying curriculum in the United States accredited by ABET. A student who has completed 2 years of a 4-year surveying curriculum and has maintained current enrollment may, with Board approval, sit for the fundamentals of surveying examination, but will not be eligible for certification as a surveyor-in-training until the student provides proof of graduation. The effective date of certification will be the later of the date of graduation or the date of notification from NCEES of achieving a passing score on the fundamentals of surveying examination. (ii) Graduation from an associate's degree program in a surveying technology curriculum accredited by ABET. (iii) Six years of progressive experience in surveying, and knowledge, skill and education equivalent to that attained through graduation from an approved land surveying engineering curriculum. The experience must reflect diversification of field and office work, with no less than 25% of the experience in either area and of a grade and character sufficient to enable the candidate to independently learn through practice the surveying skills and principles of mathematics attained through formal education. 	All applicants must pass the FE plus one of the following:	https://www.oregon.gov/OS/BEELS/Pages/default.aspx
Pennsylvania	Professional Engineer	<p>(1) "Practice of Engineering" shall mean the application of the mathematical and physical sciences for the design of public or private buildings, structures, machines, equipment, processes, works or engineering systems, and the consultation, investigation, evaluation, engineering surveys, construction management, planning and inspection in connection therewith, the performance of the foregoing acts and services being prohibited to persons who are not licensed under this act as professional engineers unless exempt under other provisions of this act.</p> <p>(2) The term "Practice of Engineering" shall also mean and include related acts and services that may be performed by other qualified persons, including but not limited to, municipal planning, incidental landscape architecture, teaching, construction, maintenance and research but licensure under this act to engage in or perform any such related acts and services shall not be required.</p> <p>(3) The foregoing shall not be deemed to include the practice of architecture as such, for which separate registration is required under the provisions of the act of July 12, 1919 (P.L.933, No. 369), entitled "An act to regulate the practice of architecture in the Commonwealth of Pennsylvania by providing for the examination and registration of architects by a State Board of Examiners, defining the power and duties of said board of examiners, and providing penalties for the violation of this act," excepting only architectural work incidental to the "practice of engineering."</p> <p>(4) The "Practice of Engineering" shall not preclude the practice of the sciences which shall include but not be limited to: soil science, geology, physics and chemistry.</p>	<p>Each Candidate shall possess one of the following qualifications:</p> <ol style="list-style-type: none"> (i) Graduation from an undergraduate civil engineering curriculum in the United States accredited by ABET, including a minimum of 10 credit hours of instruction in surveying or graduation from an undergraduate 4-year surveying curriculum in the United States accredited by ABET. A student who has completed 2 years of a 4-year surveying curriculum and has maintained current enrollment may, with Board approval, sit for the fundamentals of surveying examination, but will not be eligible for certification as a surveyor-in-training until the student provides proof of graduation. The effective date of certification will be the later of the date of graduation or the date of notification from NCEES of achieving a passing score on the fundamentals of surveying examination. (ii) Graduation from an associate's degree program in a surveying technology curriculum accredited by ABET. (iii) Six years of progressive experience in surveying, and knowledge, skill and education equivalent to that attained through graduation from an approved land surveying engineering curriculum. The experience must reflect diversification of field and office work, with no less than 25% of the experience in either area and of a grade and character sufficient to enable the candidate to independently learn through practice the surveying skills and principles of mathematics attained through formal education. 	All applicants must pass the FE plus one of the following:	https://www.dos.pa.gov/ProfessionalLicensing/Board/CE/CEExaminers/Engineers/LandSurveyors/Geologists/PA/geoldefault.aspx

Rhode Island	Professional Engineer	<p>(1) "Practice of engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to services or creative work, such as consultation, investigation, evaluation surveys, planning and design of engineering systems, and the supervision of construction for the purpose of assuring compliance with specifications, and embracing those services or work in connection with any public or private utilities, structures, buildings, machines, equipment, processes, work, or projects in which the public welfare or the safeguarding of life, health, or property is concerned.</p> <p>(2) Any person shall be construed to practice or offer to practice engineering, within the meaning and intent of this chapter, who:</p> <p>(a) Practices any branch of the profession of engineering;</p> <p>(b) By verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself or herself to be an engineer, or through the use of some other title implies that he or she is an engineer or that he or she is registered under this chapter; or</p> <p>(c) Holds himself or herself out as able to perform, or who does perform any engineering service or work or any other service designated by the practitioner or recognized as engineering.</p>	<p>(i) Graduation from an accredited program, experience, and examination. A graduate of or FE and PE for discipline(s), or more approved by the board as being of satisfactory standing, shall be admitted to an examination in the fundamentals of engineering. Upon passing this examination and obtaining a specific record of a minimum of four (4) years of experience in engineering work of a grade and character that indicates to the board that the applicant may be competent to practice engineering, the applicant may be admitted to an examination in the principles and practice of engineering. The graduate having a specific record of twelve (12) years or more of experience in engineering work of a grade and character that indicates to the board that the applicant may be competent to practice engineering, shall be admitted to an examination in the principles and practice of engineering. Upon passing that examination, the applicant shall be granted a certificate of registration to practice engineering in this state, provided he or she is qualified.</p> <p>(ii) Graduation from a nonaccredited program, experience, and examination. A graduate of or senior enrolled in an engineering curriculum of four (4) years or more other than those approved by the board as being of satisfactory standing, shall be admitted to an examination in the fundamentals of engineering. Upon passing this examination and obtaining a specific record of a minimum of four (4) years of experience in engineering work of a grade and character that indicates to the board that the applicant may be competent to practice engineering, the applicant may be admitted to an examination in the principles and practice of engineering. Upon passing these examinations, the applicant shall be granted a certificate of registration to practice engineering in this state, provided he or she is qualified.</p> <p>(iv) Teaching. Engineering teaching in a college or university offering an ABET-EAC-accredited engineering curriculum of four (4) years or more may be considered as engineering experience.</p>	http://www.bdp ri.gov/engn eers/
South Carolina	Professional Engineers	<p>"Practice of engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work as commissioning, consultation, investigation, expert technical testimony, evaluation, design and design coordination of engineering works and systems, design for development and use of land and water, performing engineering surveys and studies, and the review of construction for the purpose of monitoring compliance with drawings and specifications, any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems projects, and industrial or consumer products or equipment of control systems, chemical, communications, mechanical, electrical, environmental, hydraulic, pneumatic, or thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as may be necessary to the planning, progress, and completion of any engineering services. The mere execution, as a contractor, of work designed by a professional engineer or supervision of the construction of such work as a foreman or superintendent is not considered the practice of engineering. A person must be construed to practice or offer to practice engineering, within the meaning and intent of this chapter who:</p> <p>(a) practices any branch of the profession or discipline of engineering;</p> <p>(b) by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer or through the use of some other title implies that he is a professional engineer or that he is licensed under this chapter; or</p> <p>(c) holds himself out as able to perform or does perform any engineering service or work or any other professional service designated by the practitioner or which is recognized as engineering.</p>	<p>The minimum evidence satisfactory to the board that an applicant is qualified for licensure FE and PE for discipline(s), as a professional engineer is:</p> <p>(1) (a) graduation in an EAC/ABET accredited engineering curriculum of four or more years from a school or college approved by the board as being in satisfactory standing;</p> <p>(b) a specific record after graduation of four or more years of progressive experience in engineering work, supervised by a licensed engineer or of a character satisfactory to the board, indicating that the applicant is competent to practice engineering; and</p> <p>(c) passing an NCEES examination required by the board; or</p> <p>(2) (a) graduation in a bachelor's degree program and completion of an engineering curriculum found to be substantially equivalent to an engineering curriculum accredited by EAC/ABET;</p> <p>(b) a specific record after graduation of four or more years of progressive experience in engineering work supervised by a licensed engineer or of a character satisfactory to the board, indicating that the applicant is competent to practice engineering; and</p> <p>(c) passing the NCEES examination required by the board; or</p> <p>(3) (a) graduation from a bachelor's degree program;</p> <p>(b) completion of an engineering curriculum that meets the NCEES Engineering Education Standard;</p> <p>(c) accrual of a specific record after graduation of four or more years of progressive experience in engineering work;</p> <p>(d) supervised by a licensed engineer or of a character satisfactory to the board; and</p> <p>(e) indicating that the applicant is competent to practice engineering, and passing NCEES examinations required by the board; or</p> <p>(4) if not needed to satisfy education requirements, a:</p> <p>(a) master's degree in engineering from a school or college approved by the board as being in satisfactory standing may count as one year of experience upon approval by the board; and</p> <p>(b) doctoral degree in engineering from a school or college approved by the board as being in satisfactory standing may count as a maximum of two years of experience upon approval by the board</p> <p>Education:</p> <p>(1) A bachelor level degree from a program accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) or its equivalent as evaluated by NCEES Credentials Evaluation Service;</p> <p>(2) A bachelor level degree from a program accredited by the Technical Accreditation Commission (TAC) of ABET or its equivalent as evaluated by NCEES Credentials Evaluation Service;</p> <p>(3) A bachelor level degree from a program accredited by the Canadian Engineering Accreditation Board (CEAB);</p> <p>(4) A degree satisfying a foreign degree evaluation by the NCEES Credentials Evaluation Service; or</p> <p>(5) A degree satisfying a domestic degree evaluation by the NCEES Credentials Evaluation Service. :</p> <p>Experience:</p> <p>(1) Three years of experience for an applicant meeting the education requirement described in subdivision 20:38:30.02(1) and who has also obtained a master or doctoral level engineering degree;</p> <p>(2) Four years of experience for an applicant meeting the education requirement described in subdivision 20:38:30.02(1); or</p> <p>(3) Five years of experience for an applicant meeting the education requirement described in subdivisions 20:38:30.02(2), (3), (4), or (5)</p> <p>To qualify, experience must be completed under the direct supervision of a licensed professional engineer who is actively engaged in the practice of engineering. Experience must consist of employment or services that require the application of special knowledge of the mathematical, physical, and engineering sciences including the preparation and interpretation of engineering data.</p>	https://itr.sc.gov/eng/
South Dakota	Professional Engineers	<p>"Practice of engineering, design coordination, and engineering studies defined.</p> <p>For the purposes of this chapter, the term, practice of engineering, means the practice or offering to practice of any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work. Such service or work includes consultation; investigation; evaluation; planning; design; and design coordination of engineering works and systems; planning the use of land and water; land-use studies; teaching of advanced engineering design subjects; performing engineering studies; and the review or observation of construction for the purpose of determining whether the work is in general accordance with drawings, specifications, and other technical submissions. Any such service or work, either public or private, may be in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, and industrial or consumer products, or equipment of a mechanical, electrical, hydraulic, pneumatic, or thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as are necessary to the planning, progress, and completion of any engineering services.</p> <p>For the purposes of this section, the term, design coordination, includes the review and coordination of those technical submissions prepared by others, including consulting engineers, architects, landscape architects, land surveyors, and other professionals working under the direction of the engineer. The term, engineering studies, includes all activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineered projects, but excludes the surveying of real property for the establishment of land boundaries, rights-of-way, easement exhibits relating to land boundaries, and the dependent or independent surveys or resurveys of the public land survey system.</p>	<p>FE and PE for discipline(s).</p> <p>Education:</p> <p>(1) A bachelor level degree from a program accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) or its equivalent as evaluated by NCEES Credentials Evaluation Service;</p> <p>(2) A bachelor level degree from a program accredited by the Technical Accreditation Commission (TAC) of ABET or its equivalent as evaluated by NCEES Credentials Evaluation Service;</p> <p>(3) A bachelor level degree from a program accredited by the Canadian Engineering Accreditation Board (CEAB);</p> <p>(4) A degree satisfying a foreign degree evaluation by the NCEES Credentials Evaluation Service; or</p> <p>(5) A degree satisfying a domestic degree evaluation by the NCEES Credentials Evaluation Service. :</p> <p>Experience:</p> <p>(1) Three years of experience for an applicant meeting the education requirement described in subdivision 20:38:30.02(1) and who has also obtained a master or doctoral level engineering degree;</p> <p>(2) Four years of experience for an applicant meeting the education requirement described in subdivision 20:38:30.02(1); or</p> <p>(3) Five years of experience for an applicant meeting the education requirement described in subdivisions 20:38:30.02(2), (3), (4), or (5)</p> <p>To qualify, experience must be completed under the direct supervision of a licensed professional engineer who is actively engaged in the practice of engineering. Experience must consist of employment or services that require the application of special knowledge of the mathematical, physical, and engineering sciences including the preparation and interpretation of engineering data.</p>	https://dir.sd.gov/btp/
Tennessee	Professional Engineer	<p>A person is construed to practice or offer to practice engineering if the person practices No Statutory Scope declaration. The TN Board stated that they use the Rules of Conduct in place of a defined scope of practice. See https://publications.tnsofiles.com/rules/0120/0120-02.201810181023.pdf.</p>	<p>Experience may include engineering supervision of construction, where the health, safety, Education and Experience Requirements</p> <p>FE and PE for discipline(s).</p> <p>An undergraduate engineering degree (4-year minimum) that has been accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) or that has been determined to be substantially equivalent to an EAC/ABET-accredited degree with 4 years of progressive engineering experience (with passage of the Fundamentals of Engineering examination) or 12 years of progressive engineering experience (without passage of the Fundamentals of Engineering examination); OR</p> <p>[Substantial equivalency means comparable in program content and level of educational experience but not necessarily identical in format or method of delivery. It implies that the graduates of these programs possess the necessary competencies to begin professional engineering practice at the entry level.]</p> <p>An engineering technology program, whether four (4) or two (2) years in length, is not considered by the Board to be an acceptable curriculum.</p> <p>Undergraduate degrees in fields of study other than engineering are not considered by the Board to be an acceptable curriculum, even if coupled with a master's degree in engineering.</p> <p>The Board may grant toward experience requirements for registration as an engineer one (1) year of credit for graduation with a master's degree (or higher) in engineering from an approved curriculum or up to one (1) year of qualified experience obtained in an established cooperative education program, which is carried out within the framework of an approved engineering curriculum, and which has been approved by the Board. OR three (3) years or more qualified experience obtained prior to graduation under the direct supervision of a licensed engineer.</p>	https://www.tn.gov/commer ce/engboards/architects-engineers.html
Texas	Professional Engineer	<p>PRACTICE OF ENGINEERING.</p> <p>(a) In this section:</p> <p>(1) "Design coordination" includes the review and coordination of technical submissions prepared by others, including the work of other professionals working with or under the direction of an engineer with professional regard for the ability of each professional involved in a multidisciplinary effort.</p> <p>(2) "Engineering survey" includes any survey activity required to support the sound conception, planning, design, construction, maintenance, or operation of an engineered project. The term does not include the surveying of real property or other activity regulated under Chapter 1071.</p> <p>(b) In this chapter, "practice of engineering" means the performance of or an offer or attempt to perform any public or private service or creative work, the adequate performance of which requires engineering education, training, and experience in applying special knowledge or judgment of the mathematical, physical, or engineering sciences to that service or creative work.</p> <p>(c) The practice of engineering includes:</p> <p>(1) consultation, investigation, evaluation, analysis, planning, engineering for program management, providing an expert engineering opinion or testimony, engineering for testing or evaluating materials for construction or other engineering use, and mapping;</p> <p>(2) design, conceptual design, or conceptual design coordination of engineering works or systems;</p> <p>(3) development or optimization of plans and specifications for engineering works or systems;</p> <p>(4) planning the use or alteration of land or water or the design or analysis of works or systems for the use or alteration of land or water;</p> <p>(5) responsible charge of engineering teaching or the teaching of engineering;</p> <p>(6) performing an engineering survey or study;</p> <p>(7) engineering for construction, alteration, or repair of real property;</p> <p>(8) engineering for preparation of an operating or maintenance manual.</p>	<p>(1) graduated from:</p> <p>(A) an engineering curriculum approved by the board as having satisfactory standing; or</p> <p>(B) an engineering or related science curriculum at a recognized institution of higher education, other than a curriculum approved by the board under Paragraph (A);</p> <p>(2) passed the examination requirements prescribed by the board; and</p> <p>(3) engaged in the active practice of engineering for at least:</p> <p>(A) four years, if the applicant graduated from a curriculum described by Subdivision (1)(A); or</p> <p>(B) eight years, if the applicant graduated from a curriculum described by Subdivision (1)(B)</p> <p>FE and PE for discipline(s), TX Ethics Exam</p>	https://engineers.texas.gov/

Vermont	Professional Engineer (By discipline, see note)	<p>"Professional engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences and the principles and methods of engineering analysis and design acquired by engineering education and engineering experience, insofar as the service or work involves safeguarding life, health, or property. This includes consultation, investigation, evaluation, planning, and design of engineering works and systems, planning the use of land, air, and water and accomplishing engineering surveys and studies, any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, control systems, fire protection systems, communication systems, transportation systems, projects, and equipment systems of a mechanical, electrical, hydraulic, pneumatic, chemical, or thermal nature.</p>	<p>(b) The Board recognizes the following routes to licensure: (1) Individuals with a bachelor's degree in engineering. A professional engineering license shall be issued to a person who: (A) satisfactorily completes a bachelor's level engineering curriculum accredited by the Accreditation Board for Engineering and Technology (ABET); (B) attains a passing score set by Board rules on a fundamentals of engineering examination recognized by Board rule; (C) completes four years or more of progressive engineering experience after graduation of a grade and character that indicate to the Board that the applicant may be competent to practice engineering, at least two years of which shall be in the specialty discipline for which the license is sought. A master's degree in engineering may be counted as one year of experience. (D) attains a passing score on a specialized examination recognized by Board rule testing the principles and practices of engineering in the specialty discipline sought; and (E) satisfies all requirements set forth in the Board's rules. (2) Individuals with a master's degree in engineering. A professional engineering license shall be issued to a person who: (A) satisfactorily completes a bachelor's level curriculum in a technical field related to engineering and master's level engineering curriculum accredited by ABET; (B) attains a passing score on a fundamentals of engineering examination recognized by Board rule; (C) completes four years or more of progressive engineering experience after graduation from the master's degree program of a grade and character that indicate to the Board that the applicant may be competent to practice engineering, at least two years of which shall be in the specialty discipline for which the license is sought; (D) attains a passing score on a specialized examination recognized by Board rule testing the principles and practices of engineering in the specialty discipline sought; and (E) satisfies all requirements set forth in the Board's rules. (3) Individuals with a bachelor's degree in engineering technology. A professional engineering license shall be issued to a person who: (Licensure requires a combination of a approved education and years of experience. See http://www.vermont.gov/public/Files/Manuals/Content/Boards/APELS/REGS_AP_ELS_07_01_11.pdf pg. 18 for a complete breakdown of options. Def "Approved engineering curriculum" means an undergraduate engineering curriculum of four years or more, or a graduate engineering curriculum, approved by the board. ABET approved engineering EAC curricula are approved by the board. Curricula that are accredited by ABET not later than two years after an applicant's graduation shall be deemed as ABET-approved. "Approved engineering technology curriculum" means an undergraduate engineering technology curriculum of four years or more approved by the board. ABET-approved engineering technology TAC curricula of four years or more are approved by the board. Curricula that are accredited by ABET not later than two years after an applicant's graduation shall be deemed as ABET-approved.</p>	FE and PE for discipline(s), TX Ethics Exam	<p>Exam: Discipline Agricultural and Biological Engineering Chemical: Chemical Civil: Construction, Civil Civil: Geotechnical, Civil Civil: Structural, Civil (See Pro Structural Tab) Civil: Transportation, Civil Civil: Water Resources and Environmental, Civil Control Systems, Control Systems Electrical and Computer: Computer Engineering, Electrical Electrical and Computer: Electrical and Electronics, Electrical Electrical and Computer: Power, Electrical Environmental: Environmental Fire Protection: Fire Protection Industrial and Systems: Industrial Mechanical: HVAC and Refrigeration, Mechanical Mechanical: Machine</p>	https://sos.vermont.gov/eng
Virginia	Professional Engineer	<p>"Professional engineer" means a person who is qualified to practice engineering by reason of his special knowledge and use of mathematical, physical and engineering sciences and the principles and methods of engineering analysis and design acquired by engineering education and experience, and whose competence has been attested by the Board through licensure as a professional engineer.</p> <p>The "practice of engineering" means any service wherein the principles and methods of engineering are applied to, but are not limited to, the following areas: consultation, investigation, evaluation, planning and design of public or private utilities, structures, machines, equipment, processes, transportation systems and work systems, including responsible administration of construction contracts. The term "practice of engineering" shall not include the service or maintenance of existing electrical or mechanical systems.</p>	<p>(b) (i) "Practice of engineering" means any professional service or creative work requiring engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects. (ii) A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this chapter, who practices any branch of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself or herself to be a professional engineer, or through the use of some other title implies that he or she is a professional engineer, or who holds himself or herself out as able to perform, or who does perform, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering. (iii) The practice of engineering does not include the work ordinarily performed by persons who operate or maintain machinery or equipment.</p>	FE and PE for discipline(s),	http://www.dpor.virginia.gov/Boards/APELS/	
Washington	Professional Engineer	<p>(b)(i) "Practice of engineering" means any professional service or creative work requiring engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects. (ii) A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this chapter, who practices any branch of the profession of engineering, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself or herself to be a professional engineer, or through the use of some other title implies that he or she is a professional engineer, or who holds himself or herself out as able to perform, or who does perform, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering. (iii) The practice of engineering does not include the work ordinarily performed by persons who operate or maintain machinery or equipment.</p>	<p>Have 8 years of professional-level experience under the direct supervision of a licensed engineer. (Education in an ABET-accredited program may count for up to 4 years of this experience.)</p>	FE and PE for discipline(s),	https://brpels.wa.gov/	
West Virginia	Professional Engineers	<p>"Practice of engineering" means any service or creative work, the adequate performance of which requires engineering education, training and experience in the application of special knowledge of the mathematical, physical and engineering sciences to such services or creative work as consultation, investigation, evaluation, planning and design of engineering works and systems, planning the use of land and water; teaching of advanced engineering subjects, engineering surveys and studies; and the review of construction for the purpose of assuring compliance with drawings and specifications any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects and industrial or consumer products or equipment of a mechanical, electrical, hydraulic, pneumatic or thermal nature, insofar as they involve safeguarding life, health or property, and including such other professional services as may be necessary to the planning, progress and completion of any engineering services. Engineering surveys include all survey activities required to support the sound conception, planning, design, construction, maintenance and operation of engineering projects.</p> <p>Any person who practices any branch of the profession of engineering or who, by verbal claim, sign, advertisement, letterhead, card or in any other way represents himself or herself to be a professional engineer, or by using another title implies that he or she is a professional engineer or that he or she is registered under this article or who holds himself or herself out as able to perform, or who performs any engineering service or work or any other service designated by the practitioner which is recognized as engineering, is considered to practice or offer to practice engineering within the meaning and intent of this article.</p>	<p>Graduate from a four-year engineering curriculum accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET), or an equivalent as approved by the board of satisfactory standing; and a record of four years or more of progressive experience in engineering work of a grade and a character that indicates to the board that the applicant may be competent to practice engineering. 3.5.a. Board-approved curricula. The term "graduate of a curriculum of four years or more approved by the Board" as being of satisfactory standing" used in W. Va. Code §30-13(a)(5) is interpreted by this Board to mean a person whose curricula are accredited by ABET at the time of the awarding of the degree; 3.5.a.2. a Baccalaureate Degree in Engineering from a school whose curricula is accredited by ABET/ATAC at the time of the awarding of the degree; 3.5.a.3. a Baccalaureate Degree in Engineering from a school whose curricula is evaluated by the Board and found to be of a high quality essentially equal to those curricula which are accredited by ABET; 3.5.a.4. a Baccalaureate Degree from a school whose curricula is evaluated by the Board and found to be of a high quality essentially equal to those curricula which are accredited by ABET. 3.5.a.5. a Master's or Ph.D. in Engineering from a school whose undergraduate program in that engineering area is accredited by ABET.</p>	FE and PE for discipline(s),	https://www.wvpebd.org/	
Wisconsin	Professional Engineer	<p>"Practice of professional engineering" includes any professional service requiring the application of engineering principles and data, in which the public welfare or the safeguarding of life, health or property is concerned and involved, such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction, alteration, or operation, in connection with any public or private utilities, structures, projects, bridges, plants and buildings, machines, equipment, processes and works. A person offers to practice professional engineering if the person by verbal claim, sign, advertisement, letterhead, card or in any other way represents himself or herself to be a professional engineer, or who through the use of some other title implies that he or she is a professional engineer, or who holds himself or herself out as able to practice professional engineering.</p>	<p>Application for registration as a professional engineer. (1) FOUR YEAR COURSE OF STUDY. An applicant for professional engineer based on a four-year course of study is required to submit all of the following: (a) A transcript verifying the applicant's bachelor of science degree in engineering from a school or college of engineering in a program accredited by the Engineering Accreditation Commission of ABET in engineering of not less than 4 years, or a diploma of graduation in engineering of not less than 4 years deemed by the professional engineer section to be equivalent to a bachelor of science degree in engineering from a school or college of engineering in a program accredited by the Engineering Accreditation Commission of ABET. (b) A specific record of 4 or more years of experience in accordance with s. A-E 4.03 within the 10 years preceding the application in engineering work of a character satisfactory to the professional engineer section indicating that the applicant is competent to be placed in responsible charge of engineering work. Experience gained in obtaining a master's degree in engineering and experience gained in obtaining a Ph.D. in engineering or in an engineering related program shall each be deemed equivalent to one year of qualifying experience. (c) If an engineering degree is from an educational institution located outside the United States or its territories, the applicant shall provide an official evaluation by a transcript evaluation service acceptable to the professional engineer section which compares the degree to an engineering education standard acceptable to the professional engineer section. The professional engineer section may approve the degree if it finds evidence. (d) Evidence of successful completion of a fundamentals of engineering examination and a principles and practice of engineering examination, in accordance with s. A-E 4.07 (1m). (e) References from at least 5 individuals having personal knowledge of the applicant's engineering work, 3 or more of whom are registered professional engineers, one of whom has served as supervisor in responsible charge of the applicant's engineering work. (f) A chronological history of the applicant's employment. (2) TWO YEAR COURSE OF STUDY. An applicant for professional engineer based on a doctoral curriculum in engineering approved by the board shall submit evidence satisfactory to the board showing that the applicant: (i) Is possessed of a background that does not evidence conduct adverse to the practice of engineering or to the ability to practice engineering; (ii) Has passed an examination in the principles and practice of engineering; and (iii) Has one (1) of the following: (A) Has met the requirements for an engineer intern certificate and has four (4) years of engineering experience in increasing responsibility and scope of a grade and character that evidence the applicant is competent to practice as a professional engineer; or (B) Has graduated from a curriculum approved by the board of at least four (4) years and has been actively engaged in engineering practice of a character satisfactory to the board for at least ten (10) years after graduation. (3) An applicant for a license as a professional engineer who has graduated from a doctoral curriculum in engineering approved by the board shall submit evidence satisfactory to the board showing that the applicant: (i) Is possessed of a background that does not evidence conduct adverse to the practice of engineering or to the ability to practice engineering; (ii) Has passed any examinations required by rule of the board to establish competence at a professional level in Wyoming licensing laws and professional ethics; and (iii) Has four (4) years of engineering experience in increasing responsibility and scope of a grade and character that evidence the applicant is competent to practice as a professional engineer. Note on Education: ABET/EAC accredited degree or a combined education background that meets the NCEES Education Standard. Most ABET/ETAC degrees also do not qualify.</p>	FE and PE for discipline(s),	https://dps.wi.gov/pages/Professions/Engineer/Professional/Default.aspx	
Wyoming	Professional Engineer	<p>(w) "Practice of professional engineering" means performing for others or offering to perform for others any "professional service" or "professional creative work" requiring engineering education, training and experience and special knowledge of mathematics, physics and engineering sciences. An individual performs "a professional service" or "professional creative work" in the practice of professional engineering if he: (A) Represents himself to be a professional engineer by sign, advertisement, letterhead, card, verbal claim or any other manner; (B) Quotes a fee for a professional engineering service; (C) Executes a contract or agreement for a professional engineering service; (D) Teaches upper division engineering design subjects as a professional engineer at a college or university; (E) Performs research investigations as a professional engineer; (F) Testifies as an expert in professional engineering; or (G) Holds himself out as able to perform or does perform, as a professional engineer, any similar service as defined by board rule as the practice of professional engineering.</p>	<p>(a) An applicant for a license as a professional engineer who has not graduated from a doctoral curriculum in engineering approved by the board shall submit evidence satisfactory to the board showing that the applicant: (i) Is possessed of a background that does not evidence conduct adverse to the practice of engineering or to the ability to practice engineering; (ii) Has passed an examination in the principles and practice of engineering; and (iii) Has one (1) of the following: (A) Has met the requirements for an engineer intern certificate and has four (4) years of engineering experience in increasing responsibility and scope of a grade and character that evidence the applicant is competent to practice as a professional engineer; or (B) Has graduated from a curriculum approved by the board of at least four (4) years and has been actively engaged in engineering practice of a character satisfactory to the board for at least ten (10) years after graduation. (2) An applicant for a license as a professional engineer who has graduated from a doctoral curriculum in engineering approved by the board shall submit evidence satisfactory to the board showing that the applicant: (i) Is possessed of a background that does not evidence conduct adverse to the practice of engineering or to the ability to practice engineering; (ii) Has passed any examinations required by rule of the board to establish competence at a professional level in Wyoming licensing laws and professional ethics; and (iii) Has four (4) years of engineering experience in increasing responsibility and scope of a grade and character that evidence the applicant is competent to practice as a professional engineer. Note on Education: ABET/EAC accredited degree or a combined education background that meets the NCEES Education Standard. Most ABET/ETAC degrees also do not qualify.</p>	FE and PE for discipline(s),	https://engineersandsurveyors.wyo.gov/	
DC	Professional Engineer (Licensed by discipline, see note)	<p>Practice of Engineering - Any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences, provided in consultation, investigation, expert technical testimony, evaluation, planning, design and design coordination of engineering works and systems, planning the use of land, air, and water, teaching advanced engineering subjects, performing engineering surveys and studies, and the review of construction for the purpose of assuring compliance with drawings and specifications, any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, communication systems, transportation systems, and industrial or consumer products, or equipment of control systems, communications, mechanical, electrical, hydraulic, pneumatic, chemical, environmental, or thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as may be necessary to the planning, progress, and completion of any engineering services. Said practice includes the doing of such architectural work, as is incidental to the practice of engineering.</p>	<p>Applicant for licensure as a Professional Engineer must have obtained a four-year baccalaureate engineering degree from an engineering program approved by the Board. The Board will approve baccalaureate degree programs that meet the following standards: (a) The baccalaureate engineering degree program held accreditation from the Engineering Accreditation Commission of the Accreditation Board for Engineering Technology (EAC/ABET) at the time the applicant received the degree; (b) The baccalaureate engineering degree program received accreditation from EAC/ABET within three years after the date that the applicant received the degree; or (c) The baccalaureate degree program was not accredited by EAC/ABET, but the Board has determined, in accordance with EAC/ABET standards, that the program or combined coursework completed by the applicant is substantially equivalent to programs that are accredited by EAC/ABET. A transcript evaluation submitted pursuant to § 1508.7 of this section shall serve as the Board's guide for assessment. 1509: A person applying for licensure as a Professional Engineer shall prove to the satisfaction of the Board that he or she has obtained four (4) or more years of experience indicating that he or she may be competent to practice engineering</p>	FE and PE for discipline(s),	<p>Professional Engineers may be licensed in one or more of the following engineering disciplines: 1. Aeronautical/Aerospace; 2. Agricultural; 3. Architectural; 4. Ceramic; 5. Chemical; 6. Civil; 7. Civil/Structural/Sanitary; 8. Control Systems; 9. Electrical; 10. Environmental; 11. Fire Protection; 12. Industrial; 13. Manufacturing; 14. Mining/Mineral; 15. Marine; 16. Mechanical; 17. Metallurgical; 18. Nuclear; 19. Petroleum; 20. Sanitary; and 21. Structural</p>	https://www.dcoepa.com/bpe/ https://dora.dc.gov/node/1423876
American Samoa	No Classification					

Guam	Professional Engineer	<p>Practice of Engineering means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work as consultation, investigation, expert technical testimony, evaluation, planning, design, and design coordination of engineering works and systems, planning the use of land, air and water, teaching of advanced engineering subjects, performing engineering studies and the review and/or management of construction for the purpose of monitoring and/or ensuring compliance with drawings and specifications; any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, communication systems, transportation systems, and industrial or consumer products, or equipment of a control system, communications, mechanical, electrical, hydraulic, pneumatic, chemical, environmental or thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as may be necessary to the planning, progress, and completion of any engineering services. Design coordination includes the review and coordination of those technical submissions prepared by others, including as appropriate and without limitation, consulting engineers, architects, landscape architects, surveyors, and other professionals working under the direction of the engineer. A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this Chapter, who practices any branch of the profession of engineering or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents themselves to be a professional engineer or through the use of some other title implies that they are a professional engineer or that they are licensed under this Chapter, or who holds themselves out as able to perform, or who does perform any engineering service or work or any other service designated by the practitioner which is recognized as engineering.</p>	<p>(1) as a Professional Engineer: (A) Licensure or Registration by Examination — An Engineer Intern and a graduate of an engineering curriculum of four (4) years or more, accredited by EAC/ABET or the equivalent, with a specific record of four (4) years or more of progressive experience on engineering projects of a grade and character which indicates to the Board that the applicant may be competent to practice engineering, at least one (1) year of which shall have been under the supervision of a registered professional engineer, shall be admitted to a current form of examination, recognized by the PEALS Board. In the principles and practices of engineering, and in the case of specific engineering disciplines, other examinations as prescribed in the by-laws. Upon passing such examination(s), the applicant shall be granted a certificate of registration to practice engineering on Guam, provided the applicant is otherwise qualified. Creditable experience towards the required four (4) years stipulated by this Subsection shall begin at a point after graduation from an engineering program accredited by EAC/ABET, or the equivalent. (B) Graduation, Experience and Examination — A graduate of an engineering or related science curriculum of four (4) years or more, other than the ones approved by the Board as being of satisfactory standing, and with a specific record of eight (8) years or more of progressive experience, at least two (2) years of which shall have been under the supervision of a registered engineer on projects of a grade and character which indicates to the Board that the applicant may be competent to practice engineering, and having passed a current form of examination, recognized by the PEALS Board, in the fundamentals of engineering may be admitted to a current form of examination, recognized by the PEALS Board. In the principles and practice of engineering as prescribed in the by-laws. Upon passing such examination, the applicant shall be granted a certificate of registration to practice engineering on Guam, provided the applicant is otherwise qualified. (C) A Non-graduate from a Technical Curriculum — A nongraduate of an engineering or related science curriculum of four (4) years or more, with a specific record of three (3) years or more in such a curriculum plus twelve (12) years or more of progressive experience on engineering projects, four (4) years of which must have been under the Professional Engineer (PE).</p>	FE and PE for discipline(s).	https://www.guam-peals.org/guam/
Northern Mariana Islands	Professional Engineer	<p>"Engineer" — The term "engineer" shall mean a person who has been duly licensed by the Board to engage in the practice of engineering, including any of the branches thereof, as hereinafter defined. "Practice of Engineering" (1) The term "practice of engineering" means any service or creative work, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to such services or creative work as consultation, investigation, expert technical testimony, evaluation, planning, design and design coordination of engineering works and systems, planning the use of land, air, and water, teaching of advanced engineering subjects, performing engineering surveys and the review and/or management of construction for the purpose of monitoring and/or ensuring compliance with drawings and specifications; any of which embraces such services or work, either public or private, in connection with any utilities, structures, buildings, machines, equipment, processes, work systems, projects, communication systems, transportation systems, and industrial or consumer products, or equipment of a control system, communications, mechanical, electrical, hydraulic, pneumatic, chemical, environmental, thermal nature, insofar as they involve safeguarding life, health, or property, and including such other professional services as may be necessary to the planning, progress, and completion of any engineering services. (i) Design coordination includes the review and coordination of those technical submissions prepared by others, including as appropriate and without limitation, consulting engineers, architects, landscape architects, surveyors, and other professionals working under the direction of the engineer. (ii) Engineering surveys include all survey activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineered projects, but exclude the surveying of real property for the establishment of land boundaries, right-of-way, easements, and the dependent or independent surveys or re-surveys of the public land system. (2) A person is considered to practice or offer to practice engineering, within the Practice of engineering or architecture. — Comprises the rendering of any professional work or the execution of any work of a creative nature whose completion requires the knowledge, training and experience of an engineer or architect. It includes the application of special knowledge of the physical sciences, mathematics, and engineering or architecture for rendering such professional services or executing such works of a creative nature as may be required in any work involving consulting, studies, research, appraisals, drawing up of blueprints, measurements, inspections and supervision of works under construction. In order to ensure compliance with the specifications and the proper execution of the projected works in relation to any public or private works, facilities, machinery, industrial procedures and methods, equipment systems and works of a technical nature in engineering or architecture.</p>	<p>Professional Engineer (PE). (i) Applicant holds a master's degree in engineering from an institution of higher education accredited by ABET or CEAB, and has completed two years of progressive engineering experience satisfactory to the Board, at least one year of which shall have been under the supervision of a licensed engineer in the same branch of engineering for which licensure is desired, and has also successfully passed both the Fundamentals of Engineering Examination and the Principles and Practice of Engineering Examination for the engineering branch applying for; (ii) Applicant is a graduate of an engineering curriculum of four years or more in a college accredited by ABET or CEAB and has completed four years of progressive engineering experience satisfactory to the Board, at least one year of which shall have been under the supervision of a licensed engineer in the same branch of engineering for which licensure is desired, and has also successfully passed both the Fundamentals of Engineering Examination and the Principles and Practice of Engineering Examination for the engineering branch applying for; or (iii) Applicant is a graduate of an engineering curriculum of four years or more in a college not accredited by ABET or CEAB and has completed eight years of progressive engineering experience satisfactory to the Board, at least two years of which shall have been under the supervision of a licensed engineer in the same branch of engineering for which licensure is desired, and has also successfully passed both the Fundamentals of Engineering Examination and the Principles and Practice of Engineering Examination for the engineering branch applying for; or (iv) Applicant has 12 years of progressive engineering experience satisfactory to the Board, at least two years of which shall have been under the supervision of a licensed engineer in the same branch of engineering for which licensure is desired, and has also successfully passed both the Fundamentals of Engineering Examination and the Principles and Practice of Engineering Examination for the engineering branch applying for.</p>	FE and PE for discipline(s).	http://cnrmbpl-hq2b.net/default.asp?secID=6
Puerto Rico	Licensed Engineer	<p>It includes the application of special knowledge of the physical sciences, mathematics, and engineering or architecture for rendering such professional services or executing such works of a creative nature as may be required in any work involving consulting, studies, research, appraisals, drawing up of blueprints, measurements, inspections and supervision of works under construction. In order to ensure compliance with the specifications and the proper execution of the projected works in relation to any public or private works, facilities, machinery, industrial procedures and methods, equipment systems and works of a technical nature in engineering or architecture.</p>	<p>Attesting evidence that the applicant has graduated from an engineering curriculum or program of at least four (4) years, or its equivalent, from any university, college, or institution whose reputation or degree of excellence are, in the case of Puerto Rico, recognized by the Council on Higher Education; and in the case of foreign degrees, by the Board; has successfully passed the fundamentals of engineering and the principles and practice of engineering written examinations (licensure exam) and has at least two (2) years of experience; or has at least one year (1) and six (6) months of experience and holds a Master's Degree in Engineering from any university, college, or institution whose reputation and degree of excellence are, in the case of Puerto Rico, recognized by the Council on Higher Education; and in the case of foreign degrees, by the Board.</p>	FE and PE for discipline(s).	https://pr.peahq.com/?page=engineeringregimens https://www.esta-do.org/vienyng/ineers-and-surveyor-ph
US Virgin Islands	Engineer	<p>Practice of engineering. The practice of engineering means any service or creative work of an engineer, as defined above, the adequate performance of which requires engineering education, training, and experience in the application of special knowledge of mathematical, physical, and engineering science to such services or creative work as consultation, investigation, evaluations, survey, planning, and designing of engineering systems and supervision or inspection of construction for the purpose of assuring compliance with the design and plans. Any graduate civil engineer from a recognized college or university is hereby included in the practice of land surveying as defined in subsection (h) of this section. (h) Practice of land surveying. The practice of land surveying means the professional service of a land surveyor, as defined above, and shall be the responsibility for and/or execution of the surveying of areas for the correct determination and description and for conveyance, the establishment of corners, lines, boundaries, and monuments, the platting of land and subdivisions thereof including, as required, the functions of topography, grading, drainage, and extension of sewer and water lines; the defining and location of corners, lines, boundaries, and monuments of land after they have been established; and preparing the maps, and accurate records and descriptions thereof.</p>	<p>GRADUATION, EXPERIENCE AND EXAMINATION A graduate from an accredited architectural, engineering, or land surveying curriculum of four or more years, approved by the Board, with an additional two years or more of specific and active experience in the field, shall be admitted to an examination. An applicant who has a high school diploma and eight years or more of specific and active experience in architecture, engineering, or land surveying shall be admitted to an examination, equivalent to that required by the National Council of Architectural Registration Boards and the National Council of State Boards of Engineering Examiners. An applicant with a record of at least twelve years of specific and active practice in architecture, engineering, or land surveying shall be admitted to sit the respective 8 hour national examinations.</p>	FE and PE for discipline(s).	https://dica.vi.gov/boardscertifications/steps/airequest.html

State	License Classification	Scope	Qualifications	Exams	Website
Alabama Alaska	No Specific Designation Professional Structural Engineer (Must hold a AK PE license to apply)	In addition to the definition of practice of engineering found on the PE tab, "structural engineering" means the branch of professional engineering that embraces the studies and activities relating to the investigation, evaluation, analysis, design and construction of buildings, bridges, and other structures such as walls, columns, slabs, beams, trusses, or similar members requiring force-resisting and load bearing members and their connections, or similar members used singly or as a part of a larger structure, and the organizational and economic aspects of these studies and activities;	To be eligible for the structural engineering examination, an applicant must (1) be currently registered as a professional engineer in this state; and (2) have at least two years of progressive structural experience, in addition to the eight years of education and work experience or both that are equivalent to the requirements set out in the applicable table of education and work experience requirements for a professional engineering examination in this section.	In addition to the exams required for initial licensure as a PE, must also pass the SE.	https://bels.alabama.gov/ https://www.commerce.alaska.gov/web/cbp/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx
Arizona	Professional Engineers w/Structural Designation	Structural: Consultation, investigation, evaluation, planning, design, location, development, and review of construction for projects concerning force-resisting and loadbearing members and their connections for structures such as foundations, bridges, walls, columns, slabs, beams, trusses, or similar members used singly or as part of a larger structure.	See Professional Engineer Tab	FE and NCEES 16-hour Structural Engineering examination	https://btr.az.gov/
Arkansas	No Specific Designation				https://www.pels.arkansas.gov/
California	Structural Engineer	"Structural engineer" refers to a civil engineer who holds a valid authorization to use the title "structural engineer," as provided in Section 6736 of the Code. (pp) "Structural engineering" for the purposes of structural authority is the application of specialized civil engineering knowledge and experience to the design and analysis of buildings (or other structures) which are constructed or rehabilitated to resist forces induced by vertical and horizontal loads of a static and dynamic nature. This specialized knowledge includes familiarity with scientific and mathematical principles, experimental research data and practical construction methods and processes. The design and analysis shall include consideration of stability, deflection, stiffness and other structural phenomena that affect the behavior of the building (or other structure).	Hold a valid and current license as a Civil Engineer in California. Provide evidence showing three (3) years of qualifying, full-time experience "in responsible charge" of structural engineering work. The three (3) years must have been gained after the date of issuance of the Civil Engineer license.	Exams required for licensure as a Civil Engineer include: FE, PE, California Law and Rule, and Californian Civil Engineer Exams consists of two separate examinations: the Seismic Principles exam and the Engineering Surveying exam. After licensure as a Civil Engineer, the applicant must take the NCEES 16-hour Structural Engineer exam.	https://www.bpelsg.ca.gov/
Colorado	No Specific Designation				https://dpo.colorado.gov/AE/SA/Applications
Connecticut	No Specific Designation				https://portal.ct.gov/DCP/License-Services-Division/All-License-Applications/Professional-Engineers-and-Land-Surveyors-Licensing https://www.dape.org/
Delaware	No Specific Designation				https://fbpe.org/
Florida	No Specific Designation				https://sos.ga.gov/index.php/licensing/plb/22
Georgia	No Specific Designation				http://cca.hawaii.gov/pvl/boards/engineer/
Hawaii	No Specific Designation	"Structural engineering" means that branch of professional engineering which deals with the investigation of, the design of, the selection of, and construction observation of the force-resisting and load-supporting members of structures such as foundations, walls, columns, slabs, beams, girders, trusses, and similar members where such investigation, design, selection, and supervision requires a knowledge of engineering laws, formulae, practice, and knowledge of the methods used in their erection.			
Idaho	Professional Engineer w/ designation of "especially qualified in Structural Engineering"	Assignments In Field Of Competence. If the engineer wants to be especially qualified in structural engineering, like being especially qualified in the other disciplines, an engineer would have to take and pass the NCEES Structural Exam. Then their license would say "especially qualified in Structural Engineering" and they would be so listed in our Roster. "Professional engineering" and "practice of professional engineering" mean any service or creative work offered to or performed for the public for any project physically located in this state, such as consultation, investigation, evaluation, planning, designing, design coordination, teaching upper division engineering design subjects, and responsible charge of observation of construction in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works or projects or to certify elevation information, wherein the public welfare or the safeguarding of life, health, or property is concerned or involved, when such service requires the application of engineering principles and data. A person shall be construed to practice or offer to practice professional engineering within the meaning and intent of this chapter who practices or offers to practice any of the branches of the profession of engineering for the public for any project physically located in this state or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way, represents himself to be a professional engineer or through the use of some other title implies that he is a professional engineer or that he is licensed under this chapter, or holds himself out as able to perform or who does perform for the public for any project physically located in this state, any engineering service Practice of structural engineering. A person shall be regarded as practicing structural engineering within the meaning of this Act who is engaged in the design, analysis, or supervision of the construction, enlargement or alteration of structures, or any part thereof, for others, to be constructed by persons other than himself or herself. Structures within the meaning of this Act are all structures having as essential features foundations, columns, girders, trusses, arches or beams, with or without other parts, and in which safe design and construction require that loads and stresses must be computed and the size and strength of parts determined by mathematical calculations based upon scientific principles and engineering data. Nothing in this Section imposes upon a person licensed under this Act the responsibility for the performance of any acts or practice unless such person specifically contracts to provide it. Nothing in this Section precludes an employee from acting under the direct supervision or responsible charge of a licensed structural engineer.	Licensure as an Engineer	PSE	https://ipels.idaho.gov/
Illinois	Structural Engineer	Practice of structural engineering. A person shall be regarded as practicing structural engineering within the meaning of this Act who is engaged in the design, analysis, or supervision of the construction, enlargement or alteration of structures, or any part thereof, for others, to be constructed by persons other than himself or herself. Structures within the meaning of this Act are all structures having as essential features foundations, columns, girders, trusses, arches or beams, with or without other parts, and in which safe design and construction require that loads and stresses must be computed and the size and strength of parts determined by mathematical calculations based upon scientific principles and engineering data. Nothing in this Section imposes upon a person licensed under this Act the responsibility for the performance of any acts or practice unless such person specifically contracts to provide it. Nothing in this Section precludes an employee from acting under the direct supervision or responsible charge of a licensed structural engineer.	Minimum standards for licensure as a structural engineer, which FE, 16 Hr. Structural Exam are as follows: (1) is a graduate of an approved structural engineering curriculum of at least 4 years meeting the requirements as set forth by rule and submits evidence acceptable to the Department of an additional 4 years or more of experience in structural engineering work of a grade and character which indicates that the individual may be competent to practice structural engineering as set forth by rule; or (2) is a graduate of a non-approved structural engineering or related science curriculum of at least 4 years meeting the requirements as set forth by rule who submits evidence acceptable to the Department of an additional 8 years or more of progressive experience in structural engineering work of a grade and character which indicates that the individual may be competent to practice structural engineering as set forth by rule. Rule: a) A Degree in Related Science is a four-year curriculum resulting in a baccalaureate degree: 1) from an Accreditation Board for Engineering and Technology (ABET) engineering program; or 2) that includes the indicated minimum number of semester hours in at least the following subjects: Mathematics (beyond trigonometry) – 15 hours. Basic Sciences (Physics and Chemistry) – 15 hours. Additional Sciences and/or Engineering Sciences – 30 hours. Approved Curriculum can be found: https://www.ilga.gov/commission/car/admincode/068/068014800001100R.html , details on experience can be found: https://www.ilga.gov/commission/car/admincode/068/06801480		https://www.idfpr.com/profs/e.asp

Indiana	No Specific Designation			https://www.in.gov/pla/engineer.htm	
Iowa	No Specific Designation			https://plb.iowa.gov/board/engineers-land-surveyors	
Kansas	No Specific Designation			https://www.ksbtp.ks.gov/professions/engineers	
Kentucky	No Specific Designation			https://kyboels.ky.gov/Pages/default.aspx	
Louisiana	No Specific Designation			https://www.lapels.com/	
Maine	No Specific Designation			https://www.maine.gov/professionalengineers/index.html	
Maryland	No Specific Designation			https://www.dlir.state.md.us/license/pe/	
Massachusetts	No Specific Designation			https://www.mass.gov/orgs/board-of-registration-of-professional-engineers-and-land-surveyors	
Michigan	No Specific Designation	Will accept the SE in lieu of PE		https://www.michigan.gov/lara/0,4601,7-154-89334_72600_72602_72731_72865--,00.html	
Minnesota	No Specific Designation			http://www.mn.gov/aelstagid/	
Mississippi	No Specific Designation			https://www.pepls.ms.gov/	
Missouri	No Specific Designation			https://pr.mo.gov/apelsla.asp	
Montana	No Specific Designation			http://boards.bsd.dli.mt.gov/pe/	
Nebraska	No Specific Designation	FE and NCEES 16-hour Structural Engineering examination		https://ea.nebraska.gov/	
Nevada	No Specific Designation			https://nvbpels.org/	
New Hampshire	No Specific Designation			https://www.opic.nh.gov/engineers/	
New Jersey	No Specific Designation			https://www.njconsumeraffairs.gov/pels	
New Mexico	Professional Engineer-R	Structural discipline - except for an applicant with a B.S. degree with a structural option and a minimum of four years of post-baccalaureate structural engineering experience, listing as a structural engineer may be obtained by having gained an acceptable engineering degree which included a minimum of six hours of structural design; having licensure as a professional engineer; and having four years of structural experience gained after licensure and acceptable to the board. (1) Passing the NCEES structural tests part I & II may be substituted for two years of the required experience. (2) A master's degree in structures may be substituted for one year of the required experience. (3) An applicant for licensure as a structural engineer by endorsement shall meet the requirements of Paragraphs (1) and (2) of Subsection D of 16.39.3.8 NMAC.	See qualifications	http://www.sblpels.state.nm.us/	
New York	No Specific Designation			http://www.op.nysed.gov/prof/pels/	
North Carolina	No Specific Designation			https://www.ncbels.org/	
North Dakota	No Specific Designation			https://ndpelsboard.org/	
Ohio	No Specific Designation			https://www.peps.ohio.gov/BoardInformation.aspx	
Oklahoma	Professional Structural Engineer	"Professional Structural Engineer", "P.E., S.E.", or "S.E." means an individual who has been duly licensed as a professional engineer by the Board, and who has been further authorized by the Board to use the title Professional Structural Engineer, P.E., S.E., or S.E., and perform structural engineering analysis and design services for significant structures based upon education, experience and examinations as described in subsection D of Section 11 of this act. For purposes of this definition, the term "significant structures" may be defined by Board rule; provided, however, such definition shall not include any structure that is a residential structure;	Initial applicants for professional engineer license who wish to also apply for authorization to use the title "Professional Structural Engineer", "P.E., S.E.", "S.E.", or any variation using the "S.E." designation and to perform structural engineering analysis and design services for significant structures who apply after November 1, 2017, and before October 31, 2020, shall submit the following by application and prescribed fees for Board consideration as minimum evidence that the applicant is qualified, in addition to all requirements in Section 475.1 et seq. of Title 59 of the Oklahoma Statutes: 1. Proof of structural engineering experience by way of a list of representative projects completed, or courses taught, as described on Board-approved application forms, and three references by licensed professional engineers having personal knowledge of and verifying the applicant's structural engineering experience; and 2. Proof of structural engineering education and original transcripts submitted directly to the Board office from the university or college showing coursework or degrees obtained. F. Beginning November 1, 2020, the following shall be considered as minimum evidence for all applicants who wish to apply to the Board for authorization that the applicant is qualified to use the title "Professional Structural Engineer", "P.E., S.E.", "S.E.", or any variation using the "S.E." designation and to perform structural engineering analysis and design services for significant structures: Holds a professional engineer license in good standing in the State of Oklahoma; Proof of structural engineering experience by way of a list of representative projects completed, or courses taught, as	PE license and one of the following structural engineering examination paths below: a. the NCEES Structural I and Structural II exams taken prior to January 1, 2011, b. an equivalent sixteen-hour state-written examination prior to January 1, 2004, c. the NCEES Structural II exam plus an equivalent eight-hour state-written structural examination prior to January 1, 2011, or d. the NCEES sixteen-hour SE Examination taken after January 1, 2011.	https://www.ok.gov/pels/

Oregon	SE	672.107 Structural engineer registration for performing engineering services on significant structures; rules. (1) For purposes of this section: (a) "Significant structure" means: (A) Hazardous facilities and special occupancy structures, as defined in ORS 455.447; (B) Essential facilities, as defined in ORS 455.447, that have a ground area of more than 4,000 square feet or are more than 20 feet in height; (C) Structures that the Director of the Department of Consumer and Business Services determines to have irregular features; and (D) 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: (A) One-family and two-family dwellings and accompanying accessory structures; (B) Agricultural buildings or equine facilities, both as defined in ORS 455.315; or (C) Buildings located on lands exempt from Department of Consumer and Business Services enforcement of building code regulations. (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	Be a PE in good standing, and provide at least 2 years of structural engineering experience that includes: "the design, analysis, evaluation, peer review or quality control of either the primary structural frame and its elements or parts or the lateral force resisting system and its elements or parts, for at least two significant structures."	Evidence satisfactory to the Board of passing or having passed the NCEES 16-hour Structural Examination, or the structural examinations offered during the timeframes as follows: (a) 1992-2003, the 8-hour Western Region general and 8-hour Western Region in-depth. This examination was also known as the "Western States" or the California 16-hour SE exam; (b) 1986-October 2005, the 8-hour NCEES general (SE I) and the 8-hour NCEES in-depth (SE II); (c) 2004-2011, the 8-hour NCEES in-depth (SE II) and: (A) The 8-hour Washington Structural III; or (B) The 8-hour California Structural III. This examination was also known as the "California Structural Engineering Seismic Examination (CSESE)," the California Structural Examination 2 (CSE2)." and	https://www.oregon.gov/OSBEELS/Pages/default.aspx
Pennsylvania	No Specific Designation				https://www.dos.pa.gov/ProfessionalLicensing/BoardsCommissions/EngineersLandSurveyorsandGeologists/Pages/default.aspx
Rhode Island	No Specific Designation				http://www.bdp.ri.gov/engineers/
South Carolina	No Specific Designation			NCEES Special Structural Engineering Examinations.	https://lir.sc.gov/eng/
South Dakota	No Specific Designation				https://dir.sd.gov/btp/
Tennessee	No Specific Designation				https://www.tn.gov/commerce/regboards/architects-engineers.html
Texas	No Specific Designation				https://engineers.texas.gov/
Vermont	Structural I(1) OR II(1)			The Board recognizes the following PE examinations for the structural specialty discipline: (a) For Structural 1: (i) NCEES Civil examination taken prior to July 1, 2012; or (ii) 8-hour NCEES Structural 1 examination (discontinued in 2010); or (iii) other examinations considered substantially equivalent by the Board. (b.) For Structural 2: (i) 16-hour NCEES Structural examination; or (ii) 8-hour NCEES Structural 1 exam plus 8-hour NCEES Structural 2 exam (both discontinued in 2010); or (iii) NCEES Civil examination plus 8-hour NCEES Structural 2 exam (discontinued in 2010); or (iv) 16-hour Western States Structural Engineering Exam; or (v) other examinations considered substantially	https://sos.vermont.gov/engineering/
Virginia	No Specific Designation				http://www.dpor.virginia.gov/Boards/APELS/
Washington	Structural Engineer	Structural engineering is recognized as a specialized branch of professional engineering. To receive a certificate of registration in structural engineering, an applicant must hold a current registration in this state in engineering and have at least two years of structural engineering experience, of a character satisfactory to the board, in addition to the eight years' experience required for registration as a professional engineer. An applicant for registration as a structural engineer must also pass an additional examination as prescribed by the board.(12) "Significant structures" include: (a) Hazardous facilities, defined as: Structures housing, supporting, or containing sufficient quantities of explosive substances to be of danger to the safety of the public if released; (b) Essential facilities that have a ground area of more than five thousand square feet and are more than twenty feet in mean roof height above average ground level. Essential facilities are defined as: (i) Hospitals and other medical facilities having surgery and emergency treatment areas; (ii) Fire and police stations; (iii) Tanks or other structures containing, housing, or supporting water or fire suppression material or equipment required for the protection of essential or hazardous facilities or special occupancy structures; (iv) Emergency vehicle shelters and garages; (v) Structures and equipment in emergency preparedness centers; (vi) Standby power-generating equipment for essential facilities; (vii) Structures and equipment in government communication	Be currently licensed as a Washington Professional Engineer (PE). Have at least 2 years of progressive structural experience (in addition to the 8 years required for a Professional Engineer license).	NCEES 16 hr. Structural Exam. May submit evidence of other exams, that may be considered based on combination of exams (e.g. NCEES SE I and II in combination with a state specific exam).	https://brpels.wa.gov/
West Virginia	No Specific Designation				https://www.wvpebd.org/
Wisconsin	No Specific Designation				https://dps.wi.gov/pages/Professions/EngineerProfessional/Default.aspx
Wyoming	No Specific Designation				https://engineersandsurveyors.wyo.gov/
DC	No Specific Designation				https://www.dcopla.dc.gov/bpe/ and https://dcra.dc.gov/node/1423876
American Samoa	No Specific Designation				

Guam	No Specific Designation			https://www.guam-peals.org/law/ http://cnmibpl-hcplb.net/default.asp?secID=6
Northern Mariana Islands	No Specific Designation, Must be licensed as a Professional Engineer and hold the correct classification through NCEES to use the title	"Structural Engineering" - That branch of engineering which deals with investigation, design, selection, and construction supervision of the fore-resisting and load-supporting members of structures, such as foundation walls, columns, slabs, beams, girders, trusses, and similar members where such investigation, design, selection, and inspection requires a knowledge of engineering laws, formulae and practice, a knowledge of the physical properties of construction materials, and a knowledge of the methods used in their assembly or erection. Building where structure measures more than 45 feet in height or more than three stories high must be designed by a structural engineer.	See Professional Engineers	The Board adopts the NCEES's examinations for engineers and land surveyors developed by NCEES as the national examinations of applicants for licensure as an engineer or land surveyor. The NCEES Fundamentals of Engineering (FE) and Fundamental of Surveying (FS) exams are administered via computer and the Principles and Practice of Engineering (PE), Principles and Practice of Surveying (PS), and Structural Engineering (SE) exams are administered as pencil-and-paper exams. All interested applicants who wish to take the NCEES's engineering or land surveying examination should log into www.ncees.org and should review the NCEES Examinee Guide for information on the examinations.
Puerto Rico	No Specific Designation			https://pr.pcshq.com/?page=ingenierosyagrimensores https://dca.vi.gov/boardcertifications/steps/aelrequirements/
US Virgin Islands	No Specific Designation			

Endorsement to Utah: Professional Engineer

KEY
Equivalent to Utah License
Additional Documentation Needed, see below
No Equivalent State or Territory License to Utah, see below

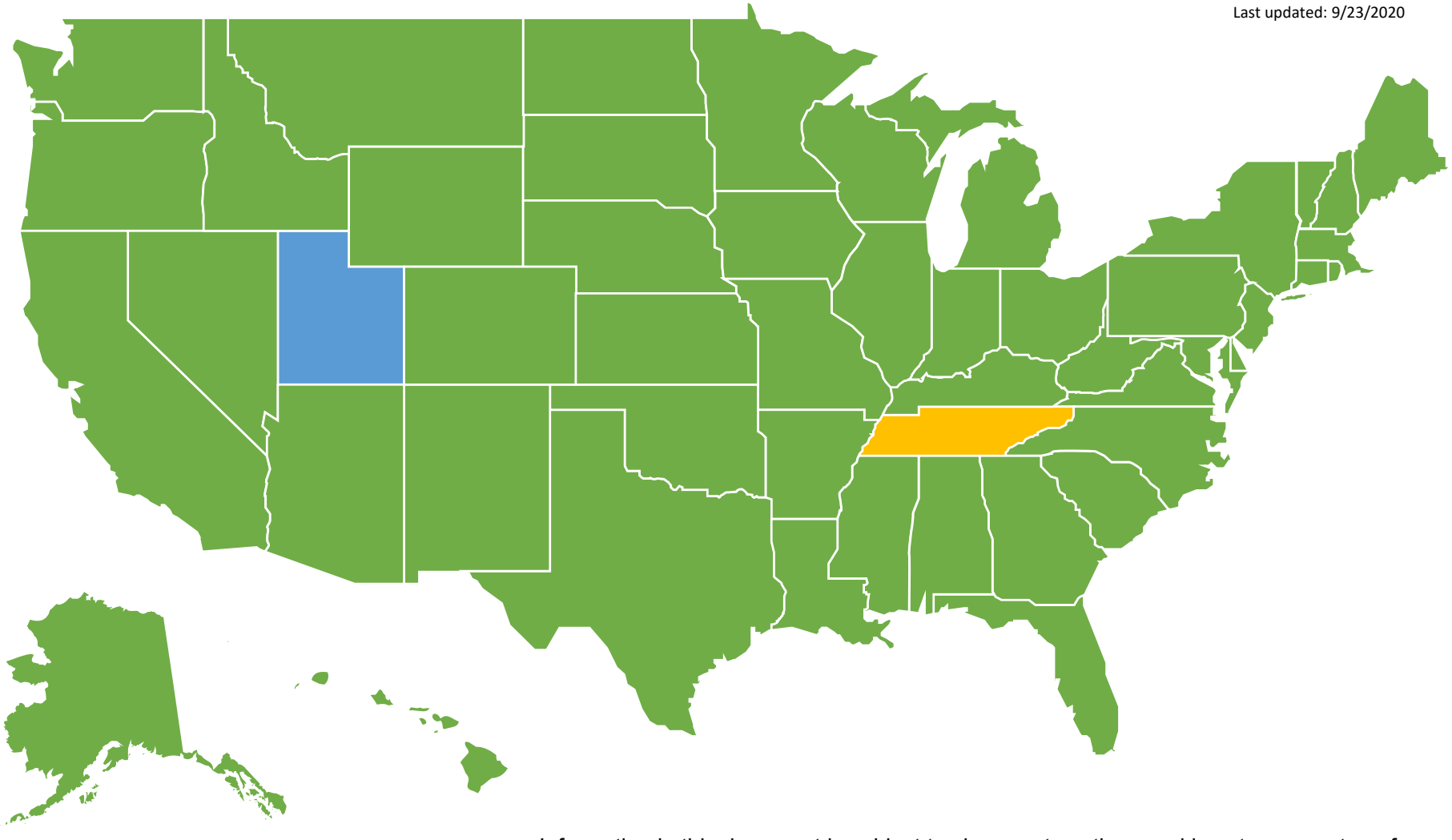
Last updated: 9/23/2020

Utah Statute: 58-28

Qualifications:

Each applicant for licensure as a professional engineer shall:

- graduated and received an earned bachelors or masters degree from an EAC/ABET or CEAB program, or a program deemed equivalent by NCEES;
- successfully completed the experience requirements required for the education level obtain (see R156-22-302e and 302f);
- successfully passed the NCEES FE and PE.



Additional Jurisdictions
District of Columbia
American Samoa
Guam
Northern Mariana Islands
Puerto Rico
U.S. Virgin Islands

Information in this document is subject to change at anytime, and is not a guarantee of meeting the requirements for licensure. Please see the next page for additional instructions.

Application Process

To apply to Utah using one of the licenses deemed equivalent (jurisdictions in green on the above map), you must have held the license type indicated on the map for at least one year. Additionally, the license must be active and in good standing.

In addition to a complete application for licensure and the appropriate fees, you must also submit an official verification of your license. If you have been subject to previous disciplinary actions on any professional license or answer yes to any of the questions found on the qualifying questionnaires within the application, you will be required to provide additional information regarding those incidents. See the application for complete instructions.

Additional Requirements

For jurisdictions that do not meet the minimum requirements for endorsement outlined in 58-1-302, applicants may still be able to use their current license to satisfy some of the requirements for licensure. In addition to a license verification from the jurisdiction, see the information below needed to correct deficiencies in endorsement for specific states or territories.

Jurisdiction	Additional Items/Information Required
Tennessee	Provide official verification of scope of practice defined by Tennessee Statute and Rule.

Jurisdictions with no equivalent State or Territory-Wide License:

If no equivalent state or territory-wide license is issued by a jurisdiction, local jurisdiction licenses (such as those issued by a city or county) or non-equivalent state or territory licenses may be used to assist with documentation of compliance with some Utah qualifications. Applicants must submit a verification of the license they feel may demonstrate components of Utah qualifications that includes documentation of hours, exams, and other qualifications completed to obtain the license. Additionally, providing information regarding the scope of the license will assist the Division in determining equivalency.

State	License Classification	Scope	Qualifications	Exams	Notes	Website
Alabama	Professional Land Surveyor	<p>SCOPE OF LAND SURVEYING.</p> <p>a. Professional services in such sciences as mathematics and geodesy, and involving the making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth, the space on, above, or below the earth, and providing, utilizing, or developing the same land survey products such as graphics, data, maps, plans, reports, descriptions, or projects.</p> <p>b. The term includes consultation, project coordination, including the coordination of technical submissions proposed by others, investigation, testimony, evaluation, planning, mapping, assembling, and interpreting gathered measurements and information relating to any one or more of the following:</p> <ol style="list-style-type: none"> Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon by measuring lines and angles and applying the principles of mathematics or photogrammetry. Determining by performing geodetic surveys the size and shape of the earth or the position of any point on the earth. Locating, relocating, or establishing, reestablishing, or retracing property lines or boundaries of any tract of land, road, right of way, alignment or easement or elevation of all real property whether or not fixed works are sited or proposed to be sited on the property. Making any survey for the division, subdivision, or consolidation of any tract or tracts of land or for condominiums. Locating or laying out alignments, positions, or elevations for the construction of fixed works. Determining, by the use of principles of land surveying, the position for any survey monument or reference point, or establishing or replacing any such monument or reference point. Geodetic surveying which includes surveying for determination of the size and shape of the earth both horizontally and vertically and the precise positioning of points on the earth utilizing angular and linear measurements through spatially oriented spherical geometry. <p>8. Creating, preparing or modifying electronic or computerized or other data, including "land surveying" means the measuring, plotting, and surveying courses at an institution of higher learning, or any service or work the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the use of law for adequate evidence of the act of measuring and locating land, geodetic and cadastral surveys for the location and monumentation of property boundaries, for the platting and planning of land and subdivisions of land, including the topography, alignment, and grades for streets, and for the preparation and perpetuation of maps, record plats, field note records, and property descriptions that represent these surveys;</p>	<p>Qualifications</p> <ol style="list-style-type: none"> Graduation in an approved land surveying curriculum plus four years experience. - A graduate of an approved land surveying curriculum/ABET degree in four years or more, including a minimum of 15 semester hours or 22.5 quarter hours of land surveying courses from a school or college approved by the board who has successfully passed board approved examinations in the fundamentals of surveying and in the principles and practice of surveying and has a specific record of four years or more of progressive combined office and field experience in land surveying work of a grade and character satisfactory to the board shall be admitted to a board approved examination on laws, procedures, and practices pertaining to land surveying in this state. Upon passing the examination, the applicant shall be granted a certificate of licensure to practice land surveying in this state, provided the applicant is otherwise qualified. Graduation in an approved curriculum related to surveying plus five years experience. - A graduate of a curriculum related to surveying of four years or more including a minimum of 15 semester hours or 22.5 quarter hours of surveying courses from a school or college approved by the board who has successfully passed a board approved examination in the fundamentals of surveying and in the principles and practice of land surveying and has a specific record of five years or more of progressive combined office and field experience in land surveying work of a grade and character satisfactory to the board shall be admitted to a board approved examination of laws, procedures, and practices pertaining to land surveying in this state. Upon passing the examination, the applicant shall be granted a certificate of licensure to practice land surveying in this state, provided the applicant is otherwise qualified. Graduation in a related science curriculum plus six years experience. - A graduate of a related science curriculum of four years or more from a school or college approved by the board who has successfully passed a board approved examination in the fundamentals of surveying and in the principles and practice of land surveying and has a specific record of an additional six years or more of progressive combined office and field experience in land surveying work of a grade and character satisfactory to the board shall be admitted to a board approved examination of laws, procedures, and practices pertaining to land surveying in this state. Upon passing the examination, the applicant shall be granted a certificate of licensure to practice land surveying in this state, provided the applicant is otherwise qualified. 	<p>Exams</p> <p>FS, PS, and AL Land Surveying Standards, History, and Law Exam</p>		<p>Website</p> <p>https://bbs.aslab.org/</p>
Alaska	Professional Land Surveyor		<p>Be actively engaged in education or experience, or both, in the profession for which registration is sought for at least eight years. RULE: Education credit:</p> <ol style="list-style-type: none"> The Board shall grant credit according to the following: h. Land Surveying applicants with ABET accredited bachelor degree in land surveying: 48 months Land Surveying applicants with a master's degree in land surveying: 60 months. See R4 39-252 B (f) of https://apps.azsos.gov/public_services/files/046-30.pdf for details. <p>The Board shall credit work experience as follows:</p> <ol style="list-style-type: none"> One hundred and thirty hours or more of work per month is equal to one month of work experience. Between 85 hours and 129 hours of work per month is equal to one-half month of work experience. The Board shall not grant credit for less than 85 hours of work experience in a month. Experience shall be verified by the employer before the Board grants the credit. 	<p>Exams</p> <p>FS and PS, AKLS</p>		<p>Website</p> <p>https://www.merced.asia.gov/vweb/cbpi/Protestions/EngineeringStandardsSurveyors.aspx</p>
Arizona	Professional Land Surveyor	<p>"Land surveying practice" means the performance of one or more of the following professional services:</p> <ol style="list-style-type: none"> Measurement of land to determine the position of any monument or reference point that marks a property line, boundary or corner for the purpose of determining the area or description of the land. Location, relocation, establishment, reestablishment, setting, resetting or replacing of corner monuments or reference points which identify land boundaries, rights-of-way or easements. Platting or plotting of lands for the purpose of subdividing. Measurement by angles, distances and elevations of natural or artificial features in the air, on the surface and immediate subsurface of the earth, within underground workings and on the surface or within bodies of water for the purpose of determining or establishing their location, size, shape, topography, grades, contours or water surface elevations, and the preparation and perpetuation of field note records and maps depicting these features. Setting, resetting or replacing of points to guide the location of new construction. <p>23. "Land surveyor" means a person who by reason of knowledge of the mathematical and physical sciences, principles of land surveying and evidence gathering acquired by professional education or practical experience, or both, is qualified to practice land surveying as attested by registration as a land surveyor. A person employed on a full-time basis as a land surveyor by an employer engaged in the business of developing, mining or treating ores or other minerals shall not be deemed to be engaged in land surveying practice for purposes of this chapter if the person engages in land surveying practice exclusively for and as an employee of such employer and does not represent that the (A) "Land surveyor" means a service comprising the:</p> <ol style="list-style-type: none"> Determination of the location of land boundaries and land boundary corners; and Preparation of: <ol style="list-style-type: none"> Plats showing the shape and areas of tracts of land and their subdivision into smaller tracts; Plats showing the location of streets, roads, and rights-of-way of tracts to give access to smaller tracts; and Official plats or maps of land thereof in this state. "Land surveying" does not include the measure of acreage of timber, cotton, rice, or other agricultural crops. A person practices or offers to practice land surveying if the person: <ol style="list-style-type: none"> Engages in land surveying for others; or By verbal claim, sign, letterhead, card, telephone listing, or in any other way represents himself or herself. To be a professional surveyor; or As able to perform land surveying in this state; <p>Land surveying defined: A person, including any person employed by the state or by a city, county, or city and county within the state, practices land surveying within the meaning of this chapter who, either in a public or private capacity, does or offers to do any one or more of the following:</p> <ol style="list-style-type: none"> Locates, relocates, establishes, reestablishes, or retraces the alignment or elevation for any of the fixed works embraced within the practice of civil engineering, as described in Section 8731. Determines the configuration or contour of the earth's surface, or the position of fixed objects above, on, or below the surface of the earth by applying the principles of mathematics or photogrammetry. Locates, relocates, establishes, reestablishes, or retraces any property line or boundary of any parcel of land, right-of-way, easement, or alignment of those lines or boundaries. Makes any survey for the subdivision or resubdivision of any tract of land. For the purposes of this subdivision, the term "subdivision" or "resubdivision" shall be defined to include, but not limited to, the definition in the Subdivision Map Act (Division 2 (commencing with Section 86410) of Title 7 of the Government Code) or the Subdivided Lands Law (Chapter 1 (commencing with Section 11000) of Part 2 of Division 4 of this Code). By the use of the principles of land surveying determines the position for any monument or reference point which marks a property line, boundary, or corner, or sets, resets, or replaces any such monument or reference point. Geodetic or cadastral surveying. As used in this chapter, geodetic surveying means performing surveys, in which account is taken of the figure and size of the earth to determine or predetermine the horizontal or vertical positions of fixed objects thereon or related thereto, geodetic control points, monuments, or stations for use in the practice of land surveying or for stating the position of fixed objects, geodetic control points, monuments, or stations by California Coordinate System coordinates. Determines the information shown or to be shown on any map or document prepared or furnished in connection with any one or more of the functions described in subdivisions (a) through (g). <p>"Professional land surveying" means the application of special knowledge of principles of mathematics, methods of measurement, and law for the determination and preservation of land boundaries. "Professional land surveying" specifically includes:</p> <ol style="list-style-type: none"> Restoration and rehabilitation of corners and boundaries in the United States public land survey system; Obtaining and evaluating boundary evidence; Determination of the areas and elevations of land parcels; Subdivision of land parcels into smaller parcels and layout of alignment and grades for streets or roads to serve the smaller parcels; Measuring and platting underground mine workings; Preparation of the boundary control portions of geographic information systems and land information systems except as allowed otherwise by section 38-51-109.3; Establishment, restoration, and rehabilitation of land survey monuments and bench marks; Preparation of land survey plats, condominium plats, monument records, property descriptions that result from the practice of professional land surveying, and survey reports; Surveying, monumenting, and platting of easements and rights-of-way; Geodetic surveying; Basic control for engineering projects; and Any other activities incidental to and necessary for the adequate performance of the services described in this subsection (i)(9)(A). <p>(b) An individual practices or offers to practice "professional land surveying" within the meaning and intent of this part if the individual engages therein or, by oral claim, sign, letterhead, or card or in any other way holds himself or herself out to be a professional land surveyor or as being able to perform any professional land surveying service or if the individual performs any professional land surveying service or work.</p> <p>(c) Professional land surveying may include other types of surveying.</p>	<p>Qualifications</p> <p>1. The Board shall grant credit according to the following: h. Land Surveying applicants with ABET accredited bachelor degree in land surveying: 48 months</p> <p>1. Land Surveying applicants with a master's degree in land surveying: 60 months. See R4 39-252 B (f) of https://apps.azsos.gov/public_services/files/046-30.pdf for details.</p> <p>The Board shall credit work experience as follows:</p> <ol style="list-style-type: none"> One hundred and thirty hours or more of work per month is equal to one month of work experience. Between 85 hours and 129 hours of work per month is equal to one-half month of work experience. The Board shall not grant credit for less than 85 hours of work experience in a month. Experience shall be verified by the employer before the Board grants the credit. 	<p>Exams</p> <p>FS/PS and AZ Land Surveyor Exam</p>		<p>Website</p> <p>https://bz.ra2.gov/</p>
Arkansas	Professional Surveyor		<p>One of the following provisions:</p> <ol style="list-style-type: none"> Proof of graduation with a Bachelor of Science degree in Surveying, Geomatics, Geomatics Engineering, Spatial Information Systems with a minor or emphasis in Surveying, from a program accredited by ABET or approved by the Board with 3 years of post-degree experience; or Proof of graduation with an Associate of Science of Associate of Applied Science degree in Surveying or Surveying Technology from a program approved by the Board with 6 years of post-degree experience; or Proof of graduation with a baccalaureate degree from a curriculum of four (4) years or more that includes both core general education courses in subsection A, and surveying or surveying related courses in subsection B, or an engineering degree from a program that is EAC of ABET accredited, and at least thirty (30) hours of surveying or surveying-related courses as specified in subsection B with 3 years of post-degree experience. 	<p>Exams</p> <p>FS/PS and Arkansas State Specific Exam</p>		<p>Website</p> <p>https://www.pels.arkansas.gov/</p>
California	Professional Land Surveyor		<p>One of the following:</p> <ol style="list-style-type: none"> Graduation from a four-year curriculum with an emphasis in land surveying approved by the board or accredited by a national or regional accrediting agency recognized by the United States Office of Education at a postsecondary educational institution and two years of actual board based progressive experience in land surveying, including one year of responsible field training and one year of responsible office training satisfactory to the board. Actual board based progressive experience in land surveying for at least six years, including one year of responsible field training and one year of responsible office training satisfactory to the board. Licensure as a civil engineer with two years of actual board based progressive experience in land surveying satisfactory to the board. 	<p>Exams</p> <p>FS and CA Professional Land Surveyor Exam (The second division of the examination shall include an examination that incorporates a national examination for land surveying by a nationally recognized entity approved by the board (PS) and a supplemental California specific examination. - CIB https://www.bpelhg.ca.gov/applicants/rels.htm). Additionally, the board may by rule provide a waiver of the first division of the examination for applicants whose education and experience qualifications substantially exceed the qualifications outlined.</p>		<p>Website</p> <p>https://www.bpelhg.ca.gov/</p>
Colorado	Professional Land Surveyor		<p>One of the following:</p> <ol style="list-style-type: none"> Graduate from a Board-approved surveying curriculum (ABET) of 4 or more years and have 2 years of progressive land surveying experience under the supervision of a PLS or an exempted federal employee. Must be currently enrolled as a Land Surveyor-Intern (LSI). If not a Colorado LSI or transferring LSI from another state, must take and pass the Fundamentals of Surveying (FS) exam before being allowed to sit for the PLS exam. Graduate from a non Board-approved surveying curriculum of 4 or more years and have 4 years of progressive land surveying experience of which at least 2 years must be under the supervision of a PLS or an exempted federal employee. Must be currently enrolled as a Land Surveyor-Intern (LSI). If not a Colorado LSI or transferring LSI from another state, must take and pass the Fundamentals of Surveying (FS) exam before being allowed to sit for the PLS exam. Graduate from a Board-approved 2-year surveying curriculum (defined in Board Rule 4.7.2.2) or from a 4-year engineering curriculum that included surveying coursework as specified in Board Rule 4.7.2.3, and have 6 years of progressive land surveying experience of which 4 years shall have been under the supervision of a PLS or an exempted federal employee. Must be currently enrolled as a Land Surveyor-Intern (LSI). If not a Colorado LSI or transferring LSI from another state, must take and pass the Fundamentals of Surveying (FS) exam before being allowed to sit for the PLS exam. Graduate from a non Board-approved 4-year degree (defined in Board Rule 4.7.2.4) that included surveying coursework, and have 6 years of progressive land surveying experience of which 4 years shall have been under the supervision of a PLS or an exempted federal employee. Must be currently enrolled as a Land Surveyor-Intern (LSI). If not a Colorado LSI or transferring LSI from another state, must take and pass the Fundamentals of Surveying (FS) exam before being allowed to sit for the PLS exam. -The Board may allow an applicant to substitute the satisfactory completion of one academic year in a curriculum approved by the Board for one year of experience. The substitution of education for experience shall not exceed three years. 	<p>Exams</p> <p>FS and PLS</p>		<p>Website</p> <p>https://dpo.colorado.gov/AES/nplication</p>

Connecticut	Professional Land Surveyor	<p>"Land surveyor" means a person who is qualified by knowledge of mathematics, physical and applied sciences and the principles of land surveying, and who is licensed under this chapter to practice or offer to practice the profession of land surveying, including but not limited to: (A) Measuring, evaluating or mapping elevations, topography, planimetric features or land areas of any portion of the earth's surface; (B) determining positions of points with respect to appropriate horizontal or vertical datums in order to establish control networks for topographic, planimetric or cadastral mapping; (C) measuring, evaluating, mapping, monumenting or otherwise marking on the ground, property boundary lines, interior lot lines of subdivisions, easements, rights-of-way or street lines; (D) measuring, evaluating, mapping or marking on the ground, the horizontal location of existing or proposed buildings, structures or other improvements with respect to property boundary lines, buildings, setbacks, zoning or restriction lines, existing or proposed interior lot lines, easements, rights-of-way or street lines; (E) measuring, evaluating, mapping or reporting the vertical location of existing or proposed buildings, structures or other improvements with respect to vertical reference surfaces, including base flood elevations; (F) measuring, evaluating, mapping or reporting the location of existing or proposed buildings, structures or other improvements or their surrounding topography with respect to flood insurance rate mapping or federal emergency management agency mapping; (G) measuring or mapping inland wetland boundaries delineated by a soil scientist; (H) creating or mapping surveys required for condominiums or planned communities meeting the requirements of section 47-228; (I) monumenting or otherwise marking on the ground, property subject to development rights, vertical unit boundaries, horizontal unit boundaries, leasehold real property or limited common elements described in section 47-228; (J) evaluating or designing the horizontal or vertical alignment of roads in conjunction with the layout and mapping of a subdivision; (K) measuring, evaluating or mapping areas under the earth's surface and the beds of bodies of water.</p>	<p>(1) Class 5. The applicant shall be a graduate of a school or college approved by the board as of satisfactory standing, including the completion of an approved course*** in a college or university, and a record of additional years of experience in land surveying, which shall be of a character satisfactory to the board and shall be deemed satisfactory experience when approximately 50% of the minimum required time is derived from property line surveying divided equally between office and field experience.</p> <p>The three years additional experience shall be in a responsible, decision-making position normally under the direct supervision of a licensed land surveyor. Position as a party chief is not necessarily acceptable.</p> <p>(2) Class 6. The applicant shall be a nongraduate with nine years or more of experience in surveying work at least three of which shall have been in land surveying and which shall be of a character satisfactory to the board and which shall include knowledge, skill and education approximating that attained through completion of an approved course in surveying.</p> <p>(A) The three years of experience shall consist of the following:</p> <p>(i) A minimum of three years experience shall be in a responsible decision-making position normally under the direct supervision of a licensed land surveyor; and a</p> <p>(ii) Minimum of three years as a party chief.</p> <p>(iii) Experience below the level of party chief may only be credited to the following extent: a maximum of two years in a position known as "instrument man," and a maximum of one year in a position known as "rodman."</p> <p>(B) In lieu of the above, an applicant who has completed any of the following education programs related to surveying requires the following minimum experience in acceptable surveying work and the passing of the examination as described in Class 5.</p> <ol style="list-style-type: none"> 1. Four-year degree*** (civil engineering major) = 4 years experience—1 year party chief and 3 years supervisory as defined in (i) above. 2. Two-year degree (surveying major) = 5 years experience—2 years party chief and 3 a. Applying for licensure as a surveyor intern has satisfied 1 of the following requirements: <ul style="list-style-type: none"> 1. is a graduate of a graduate school for a minimum of 4 years or more in a field of study and achieved the passing score on the 2-hour written examination on drainage and the Delaware law 2. is a graduate of a 4-year or more program as acceptable to the Board and has had at least 2 years of combined office and field experience in responsible charge of land surveying projects performed under the direct supervision of a professional land surveyor in the active practice of land surveying. The required experience shall not be achieved concurrently with the education requirement; or 3. is a graduate of a surveying program of 2 years or more and has had at least 2 years of combined office and field experience in responsible charge of land surveying projects performed under the direct supervision of a professional land surveyor in the active practice of land surveying. The required experience shall not be achieved concurrently with the education requirement; or 4. Has 5.5 years of experience under the direct supervision of a professional land surveyor in the active practice of land surveying and has completed the National Surveying and Mapping Technician Certification established by the National Society of Professional Surveyors—American Congress on Surveying and Mapping or similar certification acceptable to the Board. <p>b. Applying for licensure as a professional land surveyor has served as a surveyor intern with a specific record of 4 years, as said intern, of combined office and field experience in responsible charge of land surveying projects performed under the direct supervision of a professional land surveyor in the active practice of land surveying.</p> <p>The Board shall grant a license to each applicant who shall present proof of current licensure in good standing in another state, the District of Columbia, or territory of the United States whose standards for licensure are substantially similar to those of this State and achieved the passing score on the 2-hour written examination on drainage and the Delaware law. An applicant who is licensed or registered in a state whose standards are substantially similar to those of this State shall have practiced for a minimum of 5 years after licensure; provided, however, that the applicant meets all exam requirements</p>	<p>FS and PS, with half of the second part of the written examination divided into a 3 hour section provided to the board by the NCES and will be referred to as the Colonial Section and a one hour section prepared for the board by an authorized testing firm or by a committee of licensed land surveyors selected and approved by the board, and shall test the applicant's knowledge of Connecticut land surveying procedures and laws.</p>	<p>https://portal.ct.gov/DCP/License-Services-Division/All-Licensure-Applications/Professional-Land-Surveyor</p>
Delaware	Professional Land Surveyor	<p>"Practice of land surveying" shall mean professional services or work involving special knowledge and applications of mathematics and applied sciences and the relevant requirement of law in connection with the use and development of land, as described herein:</p> <p>a. The act of measuring, locating, establishing or reestablishing corners, lines, boundaries, angles, elevations, contours and natural and manmade features in the air, on the surface or subsurface of the earth, within underground workings and on the air, or surface of bodies of water for the purpose of determining or establishing facts of size, area, shape, topography, tidal datum planes, legal or geodetic location or relocation and orientation of improved or unimproved real property and appurtenances thereto;</p> <p>b. The horizontal and vertical control for aerial surveys and photogrammetric compilation; Global Positioning System (GPS), as related to boundary surveys and as defined as determining the horizontal and vertical location of an object on the earth's surface with respect to the center of the earth by observing satellites with equipment capable of acquiring, analyzing and managing the data collected; polaris and solar observations for the determination of the true azimuth; the monumentation and remonumentation of boundaries of land, divisions of land, tracts, parcels and lots; the measurement and preparation of plans showing existing improvements after construction; the layout of proposed improvements and the preparation of descriptions and plans for use in legal instruments of conveyance of real property and property rights; and</p> <p>c. The design, preparation and furnishing of subdivision plans, land development plans, sedimentation and erosion control plans, grading plans, condominium plans, record plats and horizontal alignments, and profiles and typical sections for roads, streets, utilities, sanitary sewers and storm drainage systems. This shall not be construed so as to permit the professional land surveyor to include the design of sewage disposal stations, lift stations, commercial and industrial buildings, pumping stations and bridges, or to prepare plans for the construction of engineering and architectural projects.</p>	<p>(a) "Practice of surveying and mapping" means, among other things, any professional service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence of the act of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features in the air, on the surface and immediate subsurface of the earth, within underground workings, and on the beds or surface of bodies of water, for the purpose of determining, establishing, describing, displaying, or interpreting the facts of size, volume, shape, topography, tidal datum planes, and legal or geodetic location or relocation.</p> <p>(b) The practice of surveying and mapping includes, but is not limited to, photogrammetric control, orientation of improved or unimproved real property and appurtenances and personal property attached thereto, including acreage and condominiums; the monumentation and remonumentation of property boundaries and subdivisions; the measurement of and preparation of plans showing existing improvements after construction; the layout of proposed improvements; the preparation of descriptions for use in legal instruments of conveyance of real property and property rights; the preparation of subdivision planning maps and record plats, as provided for in section 177; the determination of, but not the design of, grades and elevations of roads and land in connection with the use and development of land; and the creation and perpetuation of alignments related to maps, record plats, field note records, reports, property descriptions, and plans and drawings that represent them.</p> <p>The Board shall grant a license to each applicant who shall present proof of current licensure in good standing in another state, the District of Columbia, or territory of the United States whose standards for licensure are substantially similar to those of this State and achieved the passing score on the 2-hour written examination on drainage and the Delaware law. An applicant who is licensed or registered in a state whose standards are substantially similar to those of this State shall have practiced for a minimum of 5 years after licensure; provided, however, that the applicant meets all exam requirements</p>	<p>FS/PS and written 2 hour examination on drainage and Delaware law</p>	<p>https://dps.delaware.gov/boards/andsurv/eyors/</p>
Florida	Professional Surveyor and Mapper	<p>(a) "Practice of surveying and mapping" means, among other things, any professional service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence of the act of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features in the air, on the surface and immediate subsurface of the earth, within underground workings, and on the beds or surface of bodies of water, for the purpose of determining, establishing, describing, displaying, or interpreting the facts of size, volume, shape, topography, tidal datum planes, and legal or geodetic location or relocation.</p> <p>(b) The practice of surveying and mapping includes, but is not limited to, photogrammetric control, orientation of improved or unimproved real property and appurtenances and personal property attached thereto, including acreage and condominiums; the monumentation and remonumentation of property boundaries and subdivisions; the measurement of and preparation of plans showing existing improvements after construction; the layout of proposed improvements; the preparation of descriptions for use in legal instruments of conveyance of real property and property rights; the preparation of subdivision planning maps and record plats, as provided for in section 177; the determination of, but not the design of, grades and elevations of roads and land in connection with the use and development of land; and the creation and perpetuation of alignments related to maps, record plats, field note records, reports, property descriptions, and plans and drawings that represent them.</p>	<p>(1) (A) Earn a bachelor's degree in a curriculum approved by the board and acquire a specific record of the equivalent of not less than four years of combined office and field experience in land surveying with a minimum of three years' experience in responsible charge of land surveying projects under the supervision of a professional land surveyor or such other supervision deemed by the board to be the equivalent thereof;</p> <p>(B) Earn an associate degree, or its equivalent, in a curriculum approved by the board and acquire not less than two years of combined office and field experience. After completion of degree and subsequent office and field experience, acquire an additional specific record of the equivalent of not less than four years of combined office and field experience in land surveying which, together with the qualifying experience gained during the education process, includes not less than four years' experience in responsible charge of land surveying projects under the supervision of a professional land surveyor or such other supervision deemed by the board to be the equivalent thereof; or</p> <p>(C) Earn a high school diploma, or its equivalent, and acquire not less than four years' experience in land surveying of a nature satisfactory to the board;</p> <p>(2) Acquire a minimum of 18 semester hours of credit, or its equivalent, in land surveying subjects in a course of study approved by the board; and</p> <p>(3) Subsequently pass the board approved examination in the fundamentals of land surveying (land surveyor intern examination).</p> <p>(b) Land surveyor intern applicants may apply prior to July 1, 2020, with 15 quarter hours of credit in land surveying subjects in a course of study approved by the board and five quarter hours in hydrology. Such applicants applying prior to July 1, 2020, who meet the requirements of this subsection shall be eligible for licensure without the hydrology exam.</p>	<p>FS, PS, and Florida Jurisdictional Exam</p>	<p>https://www.flsc.gov/Business-Services/Surveyor-and-Mappers</p>
Georgia	Professional Land Surveyor (2018 Definition) Professional Land Surveyor (Hydrology & Design Authorized)	<p>"Land surveying" means any service, work, or practice, the adequate performance of which requires the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the requirements of relevant law in the evaluation and location of property rights, as applied to:</p> <p>(A) Measuring and locating lines, angles, elevations, natural and manmade features in the air, on the surface of the earth, in underground works, and on the beds or bodies of water for the purpose of determining and reporting positions, topography, areas, and volumes;</p> <p>(B) Establishing or reestablishing, locating or relocating, or setting or resetting of monumentation for any property, easement, or right of way boundaries, or the boundary of any estate or interest therein;</p> <p>(C) The platting and layout of lands and subdivisions thereof, including alignment and grades of streets and roads, excluding thoroughfares;</p> <p>(D) The design, platting, and layout, incidental to subdivisions of any tract of land by a land surveyor of:</p> <p>(i) Grading plans and site plans;</p> <p>(ii) Erosion and sediment control plans, including detention ponds, provided that such detention ponds:</p> <ul style="list-style-type: none"> (i) Contain no more than five acre-feet of water storage at maximum pool (top of dam) or are no more than ten feet in height for a dry storage pond; (ii) Are no more than six feet in height for a permanent (wet) storage pond; or (iii) Contain no more than three acre-feet of water storage at maximum pool (top of dam) if the height is more than ten feet but less than 13 feet for a dry storage pond; <p>(iii) Storm water management plans and facilities, including hydrologic studies and temporary sediment basins, provided that the contributing drainage area shall not be larger than 100 acres; and</p> <p>(iv) Extension of existing water distribution piping and gravity sewers, eight inches in diameter or smaller, provided that off-site length shall not exceed 1,000 feet, the design and construction of which shall conform to the local government ordinances and regulations, and such extensions shall be subjected to the review and approval of a local</p> <p>"Land surveying" means any professional service or work which involves the application of specialized knowledge of the principles of mathematics, the physical and applied sciences, and the act of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features on the surface and immediate subsurface of the earth, on the beds or surface of bodies of water, for the purpose of determining, establishing, describing, displaying, or interpreting the size, shape, topography, elevation datum planes, legal or geodetic location or relocation, or orientation of improved or unimproved real property and appurtenances thereto, including acreage. Land surveying includes but is not limited to:</p> <ol style="list-style-type: none"> (1) Evaluating and determining boundary evidence collected through field surveys, boundary studies, or other means; (2) Using the principles of land surveying to: <ul style="list-style-type: none"> (A) Determine the position for any monument or reference point which marks a property line, boundary corner, right-of-way, easement, or alignment of those lines; (B) Set, reset, recover, or replace any such monument or reference point; (C) Perform topographical surveys; (3) Giving an authoritative reference or interpretation as to the location of a property line, boundary, right-of-way, easement, or any related corner position; (4) Creating or modifying record plats for cadastral surveys including consolidation, subdivision, redivision, rights-of-way, easements, determination of areas, mathematical closures, and elevations of land parcels; (5) Creating or modifying land surveying descriptions of property lines and easements, or editing their content for use in legal instruments that convey real property and property rights; (6) Rendering a statement or certification regarding the positional accuracy of land surveying maps, record drawings, field surveys, or measurement data; (7) Creating or verifying the content of electronic data, computerized drawings, or any other survey map relative to the practice of land surveying; or (8) Setting, resetting, or reestablishing initial survey control points, including benchmarks to provide horizontal and vertical data on or in the vicinity of a construction or engineering 	<p>To be eligible for certification:</p> <p>(1) (A) Earn a bachelor's degree in a curriculum approved by the board and acquire a specific record of the equivalent of not less than four years of combined office and field experience in land surveying with a minimum of three years' experience in responsible charge of land surveying projects under the supervision of a professional land surveyor or such other supervision deemed by the board to be the equivalent thereof;</p> <p>(B) Earn an associate degree, or its equivalent, in a curriculum approved by the board and acquire not less than two years of combined office and field experience. After completion of degree and subsequent office and field experience, acquire an additional specific record of the equivalent of not less than four years of combined office and field experience in land surveying which, together with the qualifying experience gained during the education process, includes not less than four years' experience in responsible charge of land surveying projects under the supervision of a professional land surveyor or such other supervision deemed by the board to be the equivalent thereof; or</p> <p>(C) Earn a high school diploma, or its equivalent, and acquire not less than four years' experience in land surveying of a nature satisfactory to the board;</p> <p>(2) Acquire a minimum of 18 semester hours of credit, or its equivalent, in land surveying subjects in a course of study approved by the board; and</p> <p>(3) Subsequently pass the board approved examination in the fundamentals of land surveying (land surveyor intern examination).</p> <p>(b) Land surveyor intern applicants may apply prior to July 1, 2020, with 15 quarter hours of credit in land surveying subjects in a course of study approved by the board and five quarter hours in hydrology. Such applicants applying prior to July 1, 2020, who meet the requirements of this subsection shall be eligible for licensure without the hydrology exam.</p>	<p>FS and PS</p>	<p>https://go.hawaii.gov/vfiles/policies/injpb/22</p>
Hawaii	Land Surveyor	<p>"Land surveying" means any professional service or work which involves the application of specialized knowledge of the principles of mathematics, the physical and applied sciences, and the act of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features on the surface and immediate subsurface of the earth, on the beds or surface of bodies of water, for the purpose of determining, establishing, describing, displaying, or interpreting the size, shape, topography, elevation datum planes, legal or geodetic location or relocation, or orientation of improved or unimproved real property and appurtenances thereto, including acreage. Land surveying includes but is not limited to:</p> <ol style="list-style-type: none"> (1) Evaluating and determining boundary evidence collected through field surveys, boundary studies, or other means; (2) Using the principles of land surveying to: <ul style="list-style-type: none"> (A) Determine the position for any monument or reference point which marks a property line, boundary corner, right-of-way, easement, or alignment of those lines; (B) Set, reset, recover, or replace any such monument or reference point; (C) Perform topographical surveys; (3) Giving an authoritative reference or interpretation as to the location of a property line, boundary, right-of-way, easement, or any related corner position; (4) Creating or modifying record plats for cadastral surveys including consolidation, subdivision, redivision, rights-of-way, easements, determination of areas, mathematical closures, and elevations of land parcels; (5) Creating or modifying land surveying descriptions of property lines and easements, or editing their content for use in legal instruments that convey real property and property rights; (6) Rendering a statement or certification regarding the positional accuracy of land surveying maps, record drawings, field surveys, or measurement data; (7) Creating or verifying the content of electronic data, computerized drawings, or any other survey map relative to the practice of land surveying; or (8) Setting, resetting, or reestablishing initial survey control points, including benchmarks to provide horizontal and vertical data on or in the vicinity of a construction or engineering 	<p>(1) (A) The person is the holder of an unexpired license issued to the person by any jurisdiction, domestic or foreign, in which the requirements for licensure at the time the person was first licensed were of a standard satisfactory to the board; provided that if the board is in doubt as to whether the standards are satisfactory, or as to whether the holder was required to fully comply with them, it shall require that the holder successfully pass the national land surveyor licensing examinations and a written, multiple-choice examination on the subject of Hawaii land matters and Hawaii land description;</p> <p>(B) The person is a graduate of a school or college approved by the board as of satisfactory standing, and has completed a geoscience, civil engineering, or general engineering curriculum of four years or more; has had three years of full-time lawful experience in land surveying of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof; and has successfully passed the national land surveyor licensing examinations and a written, multiple-choice examination on the subject of Hawaii land matters and Hawaii land description;</p> <p>(C) The person is a graduate of a school or college approved by the board as of satisfactory standing, and has completed a civil engineering technology (survey option) curriculum of two years or more or arts and sciences curriculum of four years or more; has had seven years of full-time lawful experience in land surveying of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof; and has successfully passed the national land surveyor licensing examinations and a written, multiple-choice examination on the subject of Hawaii land matters and Hawaii land description;</p> <p>(D) The person has had eleven years of full-time lawful experience in land surveying of a character satisfactory to the board, or part-time experience which the board finds to be the equivalent thereof; and has successfully passed the national land surveyor licensing examinations and a written, multiple-choice examination on the subject of Hawaii land matters and Hawaii land description;</p>	<p>FS, PS, and HI Land Surveyor Exam</p>	<p>http://cc.hawaii.gov/vfiles/policies/injpb/2008/</p>

Idaho	Professional Land Surveyor	<p>a) "Professional land surveying" and "practice of professional land surveying" mean responsible charge of authoritative land surveying services using sciences such as mathematics, geodesy and photogrammetry and involving:</p> <p>(i) The making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth, improvement on the earth, and the space above, on or below the earth; and</p> <p>(ii) Providing, utilizing or developing the same into survey products such as graphics, data, maps, plans, reports, descriptions or projects. Professional services include acts of consultation, investigation, testimony, planning, mapping, assembling and interpreting gathered measurements and information related to any one (1) or more of the following:</p> <ol style="list-style-type: none"> 1. Determining by measurement the configuration or contour of the earth's surface or the position of any fixed objects; 2. Performing geodetic surveys to determine the size and shape of the earth or the position of any point on the earth; 3. Locating, relocating, establishing, reestablishing or retracing property lines or boundaries of any tract of land, road, right-of-way, easement or real property lease; 4. Making any survey for a division or subdivision or a consolidation of any tracts of land; 5. Locating or laying out of alignments, positions or elevations in the field for the construction of fixed works; 6. Determining, by the use of principles of surveying, the position for any boundary or nonboundary survey monument or reference point or for establishing or replacing any such monument or reference point; 7. Certifying elevation information; 8. Preparing narrative land descriptions; or 9. Creating, preparing or modifying electronic or other data necessary for the performance of activities in subparagraphs 1. through 8. of this paragraph. <p>(b) "Professional land surveying" and "practice of professional land surveying" shall not mean:</p> <p>(i) Mapping or geographic information system work that is for nonauthoritative boundaries and nonauthoritative elevations;</p>	<p>c. In regard to educational requirements, the Board will consider as unconditionally approved only those surveying programs that are accredited either by the Engineering Accreditation Commission (EAC), the Applied and Natural Science Accreditation Commission (ANSAC) or the Engineering Technology Accreditation Commission (ETAC) of ABET, Inc. An applicant who has completed a four (4) year bachelor degree program in a related program must have completed a minimum of college level academic courses outlined in subsection 017-10 (c) (see pg 8 https://adminrules.idaho.gov/rules/current/24/243201.pdf), or their equivalents as determined by the Board, before the Board will consider them to possess knowledge and skill approximating that attained through graduation from an approved four (4) year surveying curriculum as required by Section 54-1212(4)(b), Idaho Code, for certification as a Land Surveyor Intern or as required by Section 54-1212(2)(b), Idaho Code, for licensure as a professional land surveyor</p>	FS, PS, and ID Land Surveying exam, and an ID written ethics questionnaire	https://lp.els.idaho.gov/
Illinois	Professional Land Surveyor	<p>Sec. 5. Practice of land surveying defined. Any person who practices in Illinois as a professional land surveyor who renders, offers to render, or holds himself or herself out as able to render, or perform any service, the adequate performance of which involves the special knowledge of the art and application of the principles of the accurate and precise measurement of length, angle, elevation or volume, mathematics, the related physical and applied sciences, and the relevant requirements of applicable boundary law principles and performed with the appropriate standard of care, all of which are acquired by education, training, experience, and examination, any one or a combination of the following practices constitutes the practice of land surveying:</p> <ol style="list-style-type: none"> (a) Establishing or reestablishing, locating, defining, and making or monumenting land boundaries or title or real property lines and the platting of lands and subdivisions; (b) Determining the area or volume of any portion of the earth's surface, subsurface, or airspace with respect to boundary lines, determining the configuration or contours of any portion of the earth's surface, subsurface, or airspace or the location of fixed objects thereon, except as performed by photogrammetric methods by persons holding certification from the American Society of Photogrammetry and Remote Sensing or substantially similar certification as approved by the Department, or except when the level of accuracy required is less than the level of accuracy required by the National Society of Professional Surveyors Model Standards and Practice; (c) Preparing descriptions for the determination of title or real property rights to any portion or volume of the earth's surface, subsurface, or airspace involving the lengths and direction of boundary lines, areas, parts of platted parcels or the contours of the earth's surface, subsurface, or airspace; (d) Labeling, designating, naming, preparing, or otherwise identifying legal lines or land title lines of the United States Rectangular System or any subdivision thereof on any plat, map, exhibit, photograph, photographic composite, or mosaic or photogrammetric map of any portion of the earth's surface for the purpose of recording and amending the same by the issuance of a certificate of correction in the Office of Recorder in any county; (e) Any act or combination of acts that would be viewed as offering professional land surveying services including: 	<p>has at least 4 years of responsible charge experience verified by a professional land surveyor in direct supervision and control of his or her activities, who satisfies one of the following educational requirements:</p> <p>(A) is a graduate of an approved land surveying curriculum of at least 4 years who has passed an examination in the fundamentals of surveying, as defined by rule;</p> <p>(B) is a graduate of a baccalaureate curriculum of at least 4 years, including at least 24 semester hours of land surveying courses from an approved land surveying curriculum in the related sciences, who has passed an examination in the fundamentals of surveying, as defined by rule.</p>	FS, PS, and IL Jurisdictional Exam	https://www.idpr.com/prof/s/LandSUr.asp
Indiana	Professional Surveyor	<p>(a) "Practice of surveying" means providing, or offering to provide, professional services involving:</p> <ol style="list-style-type: none"> (1) the making of geometric measurements of, and gathering related information pertaining to, the physical or legal features of the earth, improvements on the earth, the space above the earth, or any part of the earth; and (2) the use and development of the measurements and information gathered under subsection (1) into survey products, including graphics, digital data, maps, plats, plans, reports, and descriptions and projects. <p>(b) Professional services provided under the practice of surveying include consultation, investigation, testimony, evidence, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any of the following:</p> <ol style="list-style-type: none"> (1) Determining the configuration or contour of the earth's surface or the position of fixed objects thereon by measuring lines and angles and applying the principles of mathematics or photogrammetry; (2) Determining the size and shape of the earth, or any point on the earth, by performing geodetic surveys using angular and linear measurements through spatially oriented spherical geometry; (3) Determining, by the use of principles of surveying, the position for any nonboundary related survey control monument or reference point, or setting, resetting, or replacing any nonboundary related monument or reference point; (4) Locating, relocating, establishing, reestablishing, laying out, retracing, or marking any property or boundary line or corner of any tract of land or of any right-of-way or easement; (5) Making any survey or preparing any plat for the subdivision of any tract of land; (6) Determining, by the use of principles of surveying, the position for any boundary related survey monument or reference point, or setting, resetting, or replacing any monument or reference point; (7) Preparing a description for any parcel or boundary of land, or for any right-of-way or easement, except when prepared by an attorney who is licensed to practice law in Indiana. 	<p>To qualify for registration as a professional surveyor, an applicant must meet the following conditions under either subdivision (1) or (2):</p> <ol style="list-style-type: none"> (1) All of the following: <ul style="list-style-type: none"> (A) Graduation in an approved surveying curriculum. (B) A specific record of at least four (4) years of experience in surveying work that is acquired subsequent to graduation and that indicates that the applicant is qualified to be placed in responsible charge of surveying work requiring the exercise of judgment in the application of surveying sciences to the sound solution of surveying problems. (C) The successful passing of an examination under IC 25-21-5.6. (2) All of the following: <ul style="list-style-type: none"> (A) A specific record of at least eight (8) years of surveying education and experience in surveying work that indicates that the applicant has acquired knowledge and skill and practical experience in surveying work approximating that required for registration as a professional surveyor under subdivision (1). (B) The successful passing of an examination under IC 25-21-5.6. <p>Sec. 5. (a) In considering the qualifications of applicants, responsible charge of surveying teaching shall be construed as responsible charge of surveying work.</p> <p>(b) An applicant who holds a degree of master of science of land surveying or the equivalent degree from a curriculum in land surveying approved by the board may be given a maximum credit of one (1) year of experience in addition to the credit of four (4) years of education.</p> <p>(c) An applicant who holds a degree of doctor of philosophy or the equivalent degree from a curriculum in land surveying approved by the board may be given a maximum credit of two (2) years of experience in addition to a credit of four (4) years of education.</p> <p>(d) Graduation in a course other than land surveying from a college or university acceptable to the board may be considered as equivalent to two (2) years land surveying experience and education.</p>	FS and PS. PS is divided into two (2) sections. Section A shall consist of matters concerning principles and practice except for laws applicable to surveying specific to Indiana. Section B shall concern laws applicable to surveying specific to Indiana	https://www.in.gov/plaiaur/veyor.htm
Iowa	Professional Land Surveyor	<p>10 a. "Practice of land surveying" includes providing professional services such as consultation, investigation, testimony, evaluation, planning, mapping, assembling, and interpreting reliable scientific measurements and information relative to the location of property lines or boundaries, surveying, utilization, development, and interpretation of these facts into an orderly survey, plat, or map. The practice of land surveying includes but is not limited to the following:</p> <ol style="list-style-type: none"> (1) Locating, relocating, establishing, reestablishing, setting, or resetting of permanent monumentation for any property line or boundary of any tract or parcel of land. Setting permanent monuments constitutes an improvement to real property. (2) Making any survey for the division or subdivision of any tract or parcel of land. (3) Determination, by the use of the principles of land surveying, of the position for any permanent survey monument or reference point, or setting, resetting, or replacing any survey monument or reference point excluding the responsibility of engineers pursuant to section 314.8. (4) Creating and writing metes and bounds descriptions as defined in section 354.2. (5) Geodetic surveying for determination of the size and shape of the earth both horizontally and vertically for the precise positioning of permanent land survey monuments on the earth utilizing angular and linear measurements through spatially oriented spherical geometry. (6) Creation, preparation, or modification of electronic or computerized data, including land information systems and geographical information systems, relative to the performance of the activities identified in subparagraphs (1) through (5). <p>b. This subsection does not prohibit a professional engineer from practicing any aspect of the practice of engineering. A land surveyor is not prohibited from performing engineering surveys as defined in the practice of engineering.</p> <p>c. A person is construed to be engaged in or offering to be engaged in the practice of land surveying if the person does any of the following:</p> <ol style="list-style-type: none"> (1) Engages in land surveying. (2) Makes a representation by verbal claim, sign, advertisement, letterhead, card, or other manner that the person is a land surveyor. 	<p>b. As a professional land surveyor:</p> <ol style="list-style-type: none"> (1) (a) Graduation from a course of two years or more in mathematics, physical sciences, mapping and surveying, or engineering in a school of college and six years of practical experience, all of which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental land surveying subjects. Rule adds: graduation from a course of two years or more in mathematics, physical sciences, mapping and surveying, or engineering in a school or college and six years of practical experience, all of which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental land surveying subjects. (b) The six-year experience requirement above may be reduced based upon the number of years of the degree program from which the applicant graduated. Refer link below. (3) In addition to any other requirement, a specific record of four years or more of practical experience in land surveying work which is of a character satisfactory to the board. See Table on pg 2 for details on "or more". https://www.legis.iowa.gov/docs/iac/chapter/08-20-2020_193C.5.pdf (4) Successfully passing an examination designed to determine the proficiency and qualifications to engage in the practice of land surveying. No applicant shall be entitled to take this examination until the applicant shows the necessary practical experience in land surveying work. <p>2. The board may establish by rule a temporary permit and a fee to permit an engineer to practice for a period of time without applying for licensure</p>	FS, PS, and Iowa State Specific Land Surveying Examination	https://plb.iowa.gov/owboard/engineers-land-surveyors
Kansas	Professional Surveyor	<p>(1) "Professional surveying" or "practice of professional surveying" means providing, or offering to provide, professional surveying services including the following: Common technical services, as defined in subsection (g), using such sciences as mathematics, geodesy and photogrammetry, and involving the making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth, improvements on the earth, the space above, on or below the earth and Kansas State Board of Technical Professions Page 6 of 33 providing, utilizing or developing the same into survey products such as graphics, data, maps, plans, reports, descriptions or projects.</p> <p>Professional surveying services also include planning, mapping, assembling and interpreting gathered measurements and information related to any one or more of the following:</p> <ol style="list-style-type: none"> (A) Determining by measurement the configuration or contour of the earth's surface or the position of any fixed objects thereon; (B) determining by performing geodetic surveys the size and shape of the earth or the position of any point on the earth; (C) locating, relocating, establishing, re-establishing or retracing property lines or boundaries of any tract of land, road, right-of-way or easement; (D) preparing the original descriptions of real property for the conveyance of or recording thereof and the preparation of graphics, data, maps, plans, reports, land subdivision plats, descriptions and projects that present these surveys; (E) determining, by the use of principles of surveying, the position for any survey monument, whether boundary or nonboundary, or reference point and establishing or replacing any such monument or reference point; (F) making any survey for the division, subdivision or consolidation of any tract of land; (G) locating or laying out alignments, positions or elevations where such work is part of the construction of engineering or 	<p>K.A.R. 66-9-5 (a) Graduation from an approved engineering curriculum (see engineering tab);</p> <p>(b) graduation from a four-year surveying baccalaureate curriculum accredited by the accreditation board for engineering and technology (ABET);</p> <p>(c) graduation from an approved surveying curriculum of two years from a school or college approved by the board;</p> <p>(d) graduation from an approved four-year related science curriculum, which may include geology, mathematics, chemistry, or physics; or</p> <p>(e) successful completion of the board's "land surveying curriculum," which was approved by the board on December 8, 2006 and is hereby adopted by reference Experience based on education: -66-10-10. Surveying experience required of a graduate of an accredited engineering curriculum. Each graduate of an accredited engineering curriculum, shall provide a verified record of six years of surveying experience. At least four years of experience shall have been in progressive surveying. 66-10-10a. Surveying experience required of applicant who completes surveying curriculum or is a graduate of an approved surveying curriculum. (a) Each graduate of a four-year surveying curriculum, as described in K.A.R. 66-9-5(b), shall be required to provide documentation of four years of surveying experience. The four years of experience shall have been in progressive surveying. (b) Each person who has successfully completed the land surveying curriculum specified in K.A.R. 66-9-5(c) and each graduate of an approved surveying curriculum of two years, as specified in K.A.R. 66-9-5(c), shall be required to provide documentation of six years of surveying experience, and amendments thereto. At least four years of experience shall have been in progressive land surveying and the remainder shall have been in either progressive</p>	FS, PS, and KS State Specific PS Exam	https://www.kstb.p-ks.gov/prof/ons/surv/eyors

Kentucky	Professional Land Surveyor	<p>(8) "Land surveyor" means a person who is qualified to engage in the practice of land surveying by reason of special knowledge and use of mathematics, the physical and applied sciences, and the principles and methods of land surveying, acquired by education and practical experience in land surveying;</p> <p>(9) "Professional land surveyor" means a person who is licensed as a professional land surveyor by the board;</p> <p>(10) "Land surveying" means any professional service or work, the adequate performance of which requires the education, training, and experience as a land surveyor.</p> <p>(a) "Land surveying" shall include but not be limited to the following:</p> <ol style="list-style-type: none"> Measuring and locating, establishing, or reestablishing lines, angles, elevations, natural and man-made features in the air, on the surface and immediate subsurface of the earth, within underground workings, and on the beds or surfaces of bodies of water involving the: <ol style="list-style-type: none"> Determination or establishment of the facts of size, shape, topography, and acreage; Establishment of photogrammetric and geodetic control that is published and used for the determination, monumentation, or description of property boundaries; Subdivision, division, and consolidation of lands; Measurement of existing improvements, including condominiums, after construction and the preparation of plans depicting existing improvements, if the improvements are shown in relation to property boundaries; Layout of proposed improvements, if those improvements are to be referenced to property boundaries; Preparation of subdivision record plats; Determination of existing grades and elevations of roads and land; Creation and perpetuation of alignments related to maps, record plats, field note records, reports, property descriptions, and plans and drawings that represent them; and Certification of documents; The negotiation or solicitation of land surveying services on any project in this state, regardless of whether the persons engaged in the practice of land surveying: <ol style="list-style-type: none"> Are residents of this state; <p>(13)(a) "Practice of land surveying" shall include the measuring of areas, land surfaces, streams, bodies of water, and swamps for correct determination and description, for the establishment, reestablishment, ascertainment, or description of land boundaries, corners, divisions, distances, and directions, the plotting and monumenting of lands and subdivisions thereof, and the platting and layout of lands and subdivisions of land, including topography, alignment and grades of streets and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p> <p>A person practices or offers to practice land surveying within the meaning and intent of this chapter if that person engages in land surveying or by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a land surveyor, or who represents himself as able to perform or who does perform any land surveying service or work, or any other service designated by the practitioner which is recognized as land surveying.</p>	<p>(1) A person shall qualify for licensure as a professional land surveyor if he or she has:</p> <ol style="list-style-type: none"> Passed the Fundamentals of Land Surveying Examination and is thereby designated a land surveyor in training according to the conditions set forth in either paragraph (c) of this subsection or KRS 322.047(1)(a); Passed the Principles and Practice of Land Surveying Examination; and Met one (1) of the following requirements set out in this paragraph: <ol style="list-style-type: none"> Graduation from a board-approved program of four (4) years or more in land surveying from a college or university and not less than three (3) years of progressive experience in land surveying under the direct supervision of a practicing professional land surveyor. The experience and education shall be indicated on the board that the applicant is competent to practice land surveying. Applicants shall be eligible to take the Fundamentals of Land Surveying Examination during the first year of the program; Graduation from a program of four (4) years or more in other than land surveying from a college or university of recognized standing, completion of a twenty-four (24) semester credit hour core curriculum in land surveying, and not less than four (4) years of progressive experience in land surveying under the direct supervision of a practicing professional land surveyor. The experience shall be of a grade and character to indicate to the board that the applicant is competent to practice land surveying; <ol style="list-style-type: none"> The core curriculum in land surveying may be completed as part of the four (4) year program or may be taken in addition to that program; and Applicants shall be eligible to take the Fundamentals of Land Surveying Examination upon completion of the core curriculum in land surveying or during the first year in the program if twelve (12) hours or more of the core curriculum in land surveying have <p>(3) A land surveyor intern shall be either:</p> <ol style="list-style-type: none"> A graduate holding a baccalaureate degree from a curriculum of four years or more who has completed at least thirty semester credit hours, or the equivalent approved by the board, in courses involving land surveying, mapping, and real property approved by the board, who is of good character and reputation, who has passed the oral and written examinations required by the board, and who has satisfied the requirements of R.S. 37.694. An individual certified by the board as a land surveyor in training or a land surveyor intern on or before January 1, 1995. <p>(4) A professional land surveyor shall be either:</p> <ol style="list-style-type: none"> A land surveyor intern or an individual who meets the qualifications of a land surveyor intern who has had at least four years or more combined office and field experience in land surveying, including two years or more of progressive experience on land surveying projects under the supervision of a professional land surveyor, who is of good character and reputation, who has passed the oral and written examinations required by the board, and who has satisfied the requirements of R.S. 37.694. An individual who holds a valid license to engage in the practice of land surveying issued to him by the proper authority of a state, territory, or possession of the United States, or the District of Columbia, based on requirements that do not conflict with the provisions of this Chapter and which were of a standard not lower than that specified in the applicable licensure laws in effect in Louisiana at the time such license was issued, who has passed a written examination on the laws, procedures, and practices pertaining to land surveying in Louisiana, who is of good character and reputation, and who has satisfied the requirements of R.S. 37.694, and if the state, territory, or possession, or the District of Columbia, in which he is licensed will accept the licenses issued by the board on a reciprocal basis. 	<p>FS, PS, and LA Laws and Rules, Professionalism and Ethics, and Standards of Practice Quiz</p> <p>FS, PS, and LA Specific Exam</p>	<p>https://kyboebs.ky.gov/Pages/default.aspx</p> <p>https://www.lapels.com/</p>
Louisiana	Professional Land Surveyors	<p>Land surveying "Land surveying" means any service or work involving the application of special knowledge of the rules of evidence and boundary laws, principles of mathematics and the related physical and applied sciences for measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings and on the beds of bodies of water. This service or work is for the purposes of determining areas and volumes, for the monumenting of property boundaries and for the platting and layout of lands and subdivisions of land, including topography, alignment and grades of streets and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p> <p>A person practices or offers to practice land surveying within the meaning and intent of this chapter if that person engages in land surveying or by verbal claim, sign, advertisement, letterhead, card, or in any other way makes a representation that the person is a professional land surveyor or makes a representation that the person is able to perform or does perform any land surveying service or work or any other service.</p> <p>(1) "Practice land surveying" means any service, work, documentation, or practice, the performance or preparation of which requires the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the requirements of the relevant law, as applied to:</p> <ol style="list-style-type: none"> measuring, platting, and locating lines, angles, elevations, natural or artificial features in the air, on the surface of the earth, in underground work, and on the beds of bodies of water for the purpose of determining and reporting positions, topography, areas, and volumes; the platting or replatting, establishing or reestablishing, locating or relocating, or setting or resetting the monumentation for boundaries of real property, easements, or rights-of-way; platting, layout, and preparation of surveys, plats, plans, and drawings, including: <ol style="list-style-type: none"> site plans; subdivision plans; condominium plats; right-of-way and easement plats; and other recording plats; conducting horizontal and vertical control surveys, layout or stake-out of proposed construction, and the preparation and platting of as-constructed surveys; utilizing measurement devices or systems, such as aerial photogrammetry, global positioning systems, land information systems, geographic information systems, or similar technology for evaluation or location of boundaries of real property, easements, or rights-of-way; and in conjunction with the site development or subdivision of land, the preparation and design of plans for the following projects, provided that such preparation and design are in accordance with design manuals, details, and standards accepted by the State or local authority: <ol style="list-style-type: none"> road and street grades; <p>"Practice of land surveying" any service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence in the act of measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings, and on the beds of bodies of water for the purpose of determining areas and volumes, for the monumenting of property boundaries, for locating or relocating any of the fixed works embraced within the practice of civil engineering, and for the platting, and layout of lands and subdivisions thereof, including the topography, alignment and grades of streets, and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p> <p>A person shall be construed to practice or to offer to practice land surveying who engages in land surveying, or who by verbal claim, sign, letterhead, card or in any other way represents himself to be a land surveyor, or through the use of some other title implies that he is a land surveyor, or who represents himself as able to perform, or who does perform any land surveying service or work, or any other service designated by the practitioner which is recognized as land surveying."</p>	<p>1. Meet one of the following qualifications:</p> <ol style="list-style-type: none"> Hold a bachelor's degree or higher from a program that includes a minimum surveying core curriculum approved by the board; Hold an associate's degree from a program that includes a minimum surveying core curriculum approved by the board and demonstrate 2 years of surveying experience acceptable to the board; Successfully complete a minimum surveying core curriculum approved by the board and demonstrate 5 years of surveying experience acceptable to the board; or Demonstrate 7 years of surveying experience acceptable to the board; <p>2. Be a land surveyor-in-training in this State or hold a license from another jurisdiction with qualifications similar to those required for a land surveyor-in-training under section 18223, and have a specific record of 2 additional years of progressive combined office and field experience acceptable to the board.</p> <p>1. Meet one of the following qualifications:</p> <ol style="list-style-type: none"> Hold a bachelor's degree or higher from a program that includes a minimum surveying core curriculum approved by the board; Hold an associate's degree from a program that includes a minimum surveying core curriculum approved by the board and demonstrate 2 years of surveying experience acceptable to the board; Successfully complete a minimum surveying core curriculum approved by the board and demonstrate 5 years of surveying experience acceptable to the board; or Demonstrate 7 years of surveying experience acceptable to the board; <p>2. Be a land surveyor-in-training in this State or hold a license from another jurisdiction with qualifications similar to those required for a land surveyor-in-training under section 18223, and have a specific record of 2 additional years of progressive combined office and field experience acceptable to the board.</p>	<p>FS, PS, and LA Specific Exam</p> <p>FS, PS, and ME Specific Exam</p>	<p>https://www.lapels.com/</p> <p>https://www.maine.gov/main/e.gov/professional/education/online/registration/surveyor/surveyor/index.html</p>
Maryland	Professional Land Surveyors	<p>(1) "Practice land surveying" means any service, work, documentation, or practice, the performance or preparation of which requires the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the requirements of the relevant law, as applied to:</p> <ol style="list-style-type: none"> measuring, platting, and locating lines, angles, elevations, natural or artificial features in the air, on the surface of the earth, in underground work, and on the beds of bodies of water for the purpose of determining and reporting positions, topography, areas, and volumes; the platting or replatting, establishing or reestablishing, locating or relocating, or setting or resetting the monumentation for boundaries of real property, easements, or rights-of-way; platting, layout, and preparation of surveys, plats, plans, and drawings, including: <ol style="list-style-type: none"> site plans; subdivision plans; condominium plats; right-of-way and easement plats; and other recording plats; conducting horizontal and vertical control surveys, layout or stake-out of proposed construction, and the preparation and platting of as-constructed surveys; utilizing measurement devices or systems, such as aerial photogrammetry, global positioning systems, land information systems, geographic information systems, or similar technology for evaluation or location of boundaries of real property, easements, or rights-of-way; and in conjunction with the site development or subdivision of land, the preparation and design of plans for the following projects, provided that such preparation and design are in accordance with design manuals, details, and standards accepted by the State or local authority: <ol style="list-style-type: none"> road and street grades; <p>"Practice of land surveying" any service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence in the act of measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings, and on the beds of bodies of water for the purpose of determining areas and volumes, for the monumenting of property boundaries, for locating or relocating any of the fixed works embraced within the practice of civil engineering, and for the platting, and layout of lands and subdivisions thereof, including the topography, alignment and grades of streets, and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p> <p>A person shall be construed to practice or to offer to practice land surveying who engages in land surveying, or who by verbal claim, sign, letterhead, card or in any other way represents himself to be a land surveyor, or through the use of some other title implies that he is a land surveyor, or who represents himself as able to perform, or who does perform any land surveying service or work, or any other service designated by the practitioner which is recognized as land surveying."</p>	<p>(b) An applicant qualifies under this section if the applicant:</p> <ol style="list-style-type: none"> has graduated on completion of a 4-year curriculum in land surveying that the Board approves from a college or university that is accredited by, or is a constituent unit of an institution accredited by the Middle States Association of Colleges and Schools or the equivalent regional accrediting association of other regional areas; has at least 2 years of experience in land surveying that is satisfactory to the Board and that indicates to the Board that the applicant may be competent to practice land surveying; and has passed the following examinations: <ol style="list-style-type: none"> fundamentals of surveying; the principles and practice of surveying; and unless excused by the Board, State-specific examination modules specified and approved by the Board that pertain to the practice of surveying in the State. <p>(c) (1) An applicant qualifies under this section if the applicant:</p> <ol style="list-style-type: none"> has graduated on completion of at least a 4-year curriculum in physical sciences or applied sciences from a college or university that is accredited by, or is a constituent unit of an institution accredited by the Middle States Association of Colleges and Schools or the equivalent regional accrediting association of other regional areas; is subject to paragraph (2) of this subsection, has at least 4 years of experience in land surveying that is satisfactory to the Board and that indicates to the Board that the applicant may be competent to practice land surveying; and has passed the following examinations: <ol style="list-style-type: none"> fundamentals of surveying; the principles and practice of surveying; and unless excused by the Board, State-specific examination modules specified and approved by the Board that pertain to the practice of surveying in the State. <p>(2) For each 30 semester hours or its equivalent that an applicant completes in land surveying-related courses that the Board approves, the Board may allow a 1-year credit towards the experience requirements of paragraph (1)(i) of this subsection for a maximum of 5 years.</p> <p>See the table beginning on pg 6 for requirements https://www.mass.gov/doc/250-cm-3-the-registration-process/download</p> <p>(a) A person holding a bachelor of science degree in an approved curriculum and presenting evidence satisfactory to the board that, in addition thereto, he has had at least four years of combined office and field experience in land surveying with a minimum of three years' experience in responsible charge of land surveying projects under the supervision of a registered professional land surveyor and who has passed the oral and written examinations as required by the board.</p> <p>(b) A person holding two years of formal education in an approved curriculum above high school level with at least sixty semester credit hours passed or equivalent quarter-hours, or the equivalent approved by the board, and presenting evidence satisfactory to the board that in addition thereto he has had at least six years of combined office and field experience in land surveying with a minimum of four years' experience in responsible charge of land surveying projects under the supervision of a registered professional land surveyor and who has passed the oral and written examinations as required by the board.</p> <p>(c) A person who has a specific record of twelve years or more of lawful practice in surveying work of a character satisfactory to the board and who passes the required written examinations, which shall include questions on laws, procedures and practices pertaining to practices in the commonwealth, and passes an oral examination at the discretion of the board may be granted a certificate of registration to practice surveying provided he is otherwise qualified.</p> <p>(d) A person holding a certificate of registration to engage in the practice of land surveying issued on comparable qualifications from a state, commonwealth, territory, or possession of the United States, will be given comity consideration. However, he may be asked to take such examinations as the board deems necessary to determine his qualifications, but in any event he shall be required to pass the required written examination of not less than four hours' duration, which shall include questions on laws, procedures and practices pertaining to practice in the commonwealth.</p>	<p>FS, PS, and MD Specific Exam</p> <p>FS, PS, MA, JP Exam</p>	<p>https://www.dlr.state.md.us/education/els/</p> <p>https://www.mass.gov/info-details/registration-of-professional-engineers-and-land-surveyors</p>
Massachusetts	Professional Land Surveyor	<p>"Practice of land surveying" any service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence in the act of measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings, and on the beds of bodies of water for the purpose of determining areas and volumes, for the monumenting of property boundaries, for locating or relocating any of the fixed works embraced within the practice of civil engineering, and for the platting, and layout of lands and subdivisions thereof, including the topography, alignment and grades of streets, and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p> <p>A person shall be construed to practice or to offer to practice land surveying who engages in land surveying, or who by verbal claim, sign, letterhead, card or in any other way represents himself to be a land surveyor, or through the use of some other title implies that he is a land surveyor, or who represents himself as able to perform, or who does perform any land surveying service or work, or any other service designated by the practitioner which is recognized as land surveying."</p>	<p>(a) Provide documentation of at least 8 years of professional experience in professional surveying satisfactory to the board of professional surveyors, including not more than 5 years of education.</p> <p>(b) Provide evidence of completion of a degree in professional surveying or a related degree that included professional surveying courses acceptable to the board of professional surveyors. Rule clarifies a baccalaureate degree or higher degree in a surveying program accredited by any of the following:</p> <ol style="list-style-type: none"> The Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (EAC/ABET). The Engineering Technology Accreditation Commission of ABET (ETAC/ABET). The Applied and Natural Science Accreditation Commission of ABET (ANSAC/ABET). A National Council of Examiners for Engineering and Surveying (NCEES) credentials evaluation that verifies he or she received a baccalaureate degree or higher degree and meets the NCEES surveying core program requirements found in the NCEES Surveying Education Standard. A credentials evaluation that verifies he or she received a baccalaureate degree or higher degree in surveying from an educational program that is substantially equivalent to a baccalaureate degree or higher degree program that is accredited by EAC/ABET, ETAC/ABET, or ANSAC/ABET. The credentials evaluation must be generated by a company that is a current member of the National Association of Credential Evaluation Services (NACES). 	<p>FS, PS, and MI Principles and Practice Exam</p>	<p>https://www.mass.gov/info-details/registration-of-professional-engineers-and-land-surveyors</p> <p>https://www.michigan.gov/lssa/0,4601,7-154-89334-72600_7602_72731_72872-2--,00.html</p>
Michigan	Professional Surveyor	<p>"Practice of professional surveying" means providing professional services such as consultation, investigation, testimony, evaluation, planning, mapping, assembling, and interpreting reliable scientific measurements and information relative to the location, size, shape, or physical features of the earth, improvements on the earth, the space above the earth, or any part of the earth, and the utilization and development of these facts and interpretations into an orderly survey map, plan, report, description, or project. The practice of professional surveying includes all of the following:</p> <ol style="list-style-type: none"> Land surveying that is the surveying of an area for its correct determination or description for its conservation or for the establishment or reestablishment of a land boundary and the designing or design coordination of the plotting of land and the subdivision of land; Geodetic surveying that includes surveying for determination of the size and shape of the earth both horizontally and vertically and the precise positioning of points on the earth utilizing angular and linear measurements through spatially oriented spherical geometry; Utilizing and managing land information systems through establishment of datums and local coordinate systems and points of reference; Engineering and architectural surveying for design and construction layout of infrastructure; Cartographic surveying for making maps, including topographic and hydrographic mapping 	<p>(a) Provide documentation of at least 8 years of professional experience in professional surveying satisfactory to the board of professional surveyors, including not more than 5 years of education.</p> <p>(b) Provide evidence of completion of a degree in professional surveying or a related degree that included professional surveying courses acceptable to the board of professional surveyors. Rule clarifies a baccalaureate degree or higher degree in a surveying program accredited by any of the following:</p> <ol style="list-style-type: none"> The Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (EAC/ABET). The Engineering Technology Accreditation Commission of ABET (ETAC/ABET). The Applied and Natural Science Accreditation Commission of ABET (ANSAC/ABET). A National Council of Examiners for Engineering and Surveying (NCEES) credentials evaluation that verifies he or she received a baccalaureate degree or higher degree and meets the NCEES surveying core program requirements found in the NCEES Surveying Education Standard. A credentials evaluation that verifies he or she received a baccalaureate degree or higher degree in surveying from an educational program that is substantially equivalent to a baccalaureate degree or higher degree program that is accredited by EAC/ABET, ETAC/ABET, or ANSAC/ABET. The credentials evaluation must be generated by a company that is a current member of the National Association of Credential Evaluation Services (NACES). 	<p>FS, PS, and MI Principles and Practice Exam</p>	<p>https://www.michigan.gov/lssa/0,4601,7-154-89334-72600_7602_72731_72872-2--,00.html</p>

Minnesota	Professional Land Surveyor	<p>Practice of land surveying. Land surveying means the application of the principles of mathematics, physical and applied sciences and law to measuring and locating lines, angles, elevations and natural or artificial features in the air, on the surface of the earth, underground and on the beds or bodies of water for the purpose of:</p> <ol style="list-style-type: none"> (1) determining, monumenting, establishing, or reestablishing property boundaries; (2) determining, monumenting, or reestablishing the position for any public land survey system corner or line; (3) planning, designing, and platting of land and subdivisions including the topography, alignment and grades of streets, and; (4) preparing and perpetuating maps, record plats, and property descriptions. <p>Any person who offers to perform, holds out as being able to perform, or does perform land surveying for others shall be practicing land surveying.</p> <p>Nothing contained in the provisions of sections 326.02 to 326.15, shall prohibit a licensed professional engineer, architect, landscape architect, or professional geoscientist from doing any work included in the practice of engineering, architecture, landscape architecture, and professional geoscience, if the work does not involve the establishment or reestablishment of property corners, property lines, or public land survey system corners of lines.</p>	<p>Admission to the Fundamentals of Surveying (FS) examination. To qualify for admission to FS, PS, and MN Professional Practice Exam the FS examination, applicants shall present satisfactory evidence of one of the following:</p> <ol style="list-style-type: none"> A. Graduation from a four-year land surveying curriculum as specified in subpart 4 from an accredited institution of higher learning or being within 32 semester credits or 48 quarter credits of graduation from the same; or B. Graduation with a bachelor's degree from an accredited institution of higher learning or being within 32 semester credits or 48 quarter credits of obtaining a bachelor's degree, and completion of a minimum of 11 semester credits or 16 quarter credits from the land surveying categories specified in subpart 4, items A to K. <p>Subp. 3. Admission to Principles and Practice of Surveying (PS) examination. To qualify for admission to the PS examination, the applicant shall present evidence of meeting the education and qualifying experience requirements in item A or B:</p> <ol style="list-style-type: none"> A. Graduates of a four-year land surveying curriculum must present evidence of: <ol style="list-style-type: none"> (1) graduation from a four-year land surveying curriculum; (2) passage of the Fundamentals of Surveying (FS) examination; and (3) completion of a minimum of the following qualifying land surveying experience: <ol style="list-style-type: none"> (a) a minimum of 160 hours of office experience in plot computations; (b) a minimum of 160 hours of field experience in each of four or more of the following: section subdivision, boundary surveys, land title surveys, government corner restoration, geodetic surveys, staking subdivisions, and common interest communities totaling 3,120 hours or more; (c) a minimum of 160 hours of office experience in each of four or more of the following: record research, record analysis, survey computations, description analysis, description writing, and subdivision design totaling 1,920 hours or more; (d) a minimum of 400 hours of field or office experience in one or a combination of the following: right-of-way surveys; easement surveys; mining surveys; route location surveys, including power, pipelines, etc.; and street grade design and alignment; and (e) a minimum of 400 hours of drafting experience in one or a combination of the following: boundary survey; topographic survey; and plats. B. Graduates of a bachelor's curriculum must present evidence of: <ol style="list-style-type: none"> (i) A bachelor's degree in geomatics, surveying or surveying technology approved by the board consisting of a minimum of one hundred twenty (120) semester hours, or the equivalent, in surveying curriculum subjects and a specific record of four (4) years of qualifying surveying experience; or (ii) A bachelor's degree in a related science curriculum defined by board rule, consisting of sixty-two (62) semester hours in surveying curriculum subjects as defined by board rule, and a specific record of five (5) years of qualifying surveying experience; or (iii) A bachelor's degree in a related science curriculum defined by board rule, and a specific record of six (6) years of qualifying surveying experience; or (iv) An associate degree, or its equivalent, in a curriculum approved by the board consisting of sixty-two (62) semester hours in surveying curriculum subjects as defined by board rule, and a specific record of seven (7) years or more of qualifying surveying experience; or (v) A high school diploma, or its equivalent, and a specific record of twelve (12) years or more of qualifying surveying experience; and (vi) Successfully passing examinations in surveying prescribed by the board. <p>(7) The following shall be considered as minimum evidence satisfactory to the board that the applicant is qualified for enrollment as a surveyor intern:</p> <ol style="list-style-type: none"> (a) (i) A bachelor's degree in geomatics, surveying or surveying technology approved by the board consisting of a minimum of one hundred twenty (120) semester hours, or the equivalent, in surveying curriculum subjects; or (ii) A bachelor's degree in a related science curriculum defined by board rule consisting of sixty-two (62) semester hours in surveying curriculum subjects as defined by board rule; or (iii) A high school diploma, or its equivalent, and a specific record of eight (8) years or more of qualifying surveying experience. <p>Land surveyor-in-training applicant for enrollment, qualifications – certificate issued when: — 1. Any person may apply to the board for enrollment as a land surveyor-in-training who is a high school graduate, or who holds a Missouri certificate of high school equivalence (CEE), and either:</p> <ol style="list-style-type: none"> (1) Has graduated and received a baccalaureate degree in an approved curriculum as defined by board regulation which shall include at least twelve semester hours of approved surveying course work as defined by board regulation of which at least two semester hours shall be in the legal aspects of boundary surveying; or (2) Has passed at least sixty hours of college credit which shall include credit for at least twenty semester hours of approved surveying course work as defined by board regulation of which at least two semester hours shall be in legal aspects of boundary surveying and present evidence satisfactory to the board that in addition thereto such person has at least one year of combined office and field experience in land surveying projects under the immediate personal supervision of a professional land surveyor; or (3) Has passed at least twelve semester hours of approved surveying course work as defined by board regulation of which at least two semester hours shall be in legal aspects of land surveying and in addition thereto has at least two years of combined professional office and field experience in land surveying projects under the direct personal supervision of a professional land surveyor. Pursuant to this provision, not more than one year of satisfactory postsecondary education work shall count as equivalent years of satisfactory land surveying work as aforementioned. <p>2. Enrolled as a land surveyor-in-training for a period of four years from the date of enrollment as a LSIT</p> 	<p>http://www.mn.gov/vlsweb/id/</p>	
Mississippi	Professional Surveyor	<p>The practice of "surveying," within the meaning and intent of Sections 73-13-71 through 73-13-105, shall mean providing professional services such as consultation, investigation, testimony evaluation, expert technical testimony, planning, mapping, assembling and interpreting reliable scientific measurement and information relative to the location, size, shape or physical features of the earth, improvement of the earth, the space above the earth, or any part of the earth, utilization and development of these facts and interpretation into an orderly survey map, plan or report and in particular, the retracement of or the creating of land boundaries and descriptions of real property. The practice of surveying includes, but is not limited to, any one or more of the following:</p> <ol style="list-style-type: none"> (a) Locating, relocating, establishing, reestablishing, laying out or retracing any property boundary or easement; (b) Making any survey for the subdivision of any tract of land, including rights-of-way and easements; (c) Determining, by the use of principles of surveying, the position for any survey monument or reference point; or setting, resetting or replacing any such monument or reference point, commonly known as control surveys; (d) Creating, preparing or modifying electronic or computerized data, including land information systems and geographic information systems, relative to the performance of the activities in the above-described paragraphs (a) through (c). 	<p>FS, PS, and MS Section</p>	<p>https://www.psl.ms.gov/s/</p>	
Missouri	Professional Land Surveyor	<p>Practice as professional land surveyor defined. — 1. A professional land surveyor shall include any person who practices in Missouri as a professional land surveyor who uses the title of "surveyor" alone or in combination with any other word or words including, but not limited to "registered," "professional" or "land" indicating or implying that the person so holds himself or herself out to be a professional land surveyor who by word or words, letters, figures, degrees, titles or other descriptions indicates or implies that the person is a professional land surveyor or is willing or able to practice professional land surveying or who renders or offers to render, or holds himself or herself out as willing or able to render or perform any service or work, the adequate performance of which involves the special knowledge and application of the principles of land surveying, mathematics, the related physical and applied sciences, and the relevant requirements of law, all of which are acquired by education, training, experience and examination, that affect real property rights on, under or above the land and which service or work involves:</p> <ol style="list-style-type: none"> (1) The determination, location, relocation, establishment, reestablishment, layout, or retracing of land boundaries and positions of the United States Public Land Survey System; (2) The monumentation of land boundaries, land boundary corners and corners of the United States Public Land Survey System; (3) The subdivision of smaller tracts and preparation of property descriptions; (4) The survey and location of rights-of-way and easements; (5) Creating, preparing, or modifying electronic or computerized data relative to the performance of the activities in subdivisions (1) to (4) of this subsection; (6) Consultation, investigation, design surveys, evaluation, planning, design and execution of surveys; (7) The preparation of any drawings showing the shape, location, dimensions or area of tracts of land; (8) Monumentation of geodetic control and the determination of their horizontal and vertical positions; (9) Establishment of state plane coordinates; (10) Topographic surveys and the determination of the horizontal and vertical location <p>"Practice of land surveying" means any service or work, the performance of which requires the application of special knowledge of the principles of mathematics, physical sciences, applied sciences, and:</p> <ol style="list-style-type: none"> (a) the principles of property boundary law to the recovery and preservation of evidence pertaining to earlier land surveys; (b) teaching of land surveying subjects; (c) measurement and allocation of lines, angles, elevations, and coordinate systems; (d) location of natural and constructed features in the air, on the surface of the earth, within underground workings, and on the beds or bodies of water, including work for the determination of areas and volumes; (e) monumenting of property boundaries; (f) platting and layout of lands and the subdivisions of land, including the alignment and grades of streets and roads in subdivisions; (g) preparation and perpetuation of maps, plats, field note records, and property descriptions; and (h) locating, relocating, establishing, reestablishing, laying out, or retracing of any property line or boundary of any tract of land or road, right-of-way, easement, right-of-way easement, alignment, or elevation of any of the fixed works embraced within the practice of engineering. 	<p>FS, PS, MO Specific Exam</p>	<p>https://pr.mo.gov/apelsa.asp</p>	
Montana	Professional Land Surveyors	<p>"Practice of land surveying" means any service or work, the performance of which requires the application of special knowledge of the principles of mathematics, physical sciences, applied sciences, and:</p> <ol style="list-style-type: none"> (a) the principles of property boundary law to the recovery and preservation of evidence pertaining to earlier land surveys; (b) teaching of land surveying subjects; (c) measurement and allocation of lines, angles, elevations, and coordinate systems; (d) location of natural and constructed features in the air, on the surface of the earth, within underground workings, and on the beds or bodies of water, including work for the determination of areas and volumes; (e) monumenting of property boundaries; (f) platting and layout of lands and the subdivisions of land, including the alignment and grades of streets and roads in subdivisions; (g) preparation and perpetuation of maps, plats, field note records, and property descriptions; and (h) locating, relocating, establishing, reestablishing, laying out, or retracing of any property line or boundary of any tract of land or road, right-of-way, easement, right-of-way easement, alignment, or elevation of any of the fixed works embraced within the practice of engineering. 	<p>One of the following:</p> <ol style="list-style-type: none"> (a) a baccalaureate degree in land surveying that meets the board-approved land surveying curriculum, passage of the fundamentals of surveying examination, at least 4 years of combined office and field experience in land surveying under the direct supervision of a licensed professional land surveyor of which at least 3 years must be progressive experience on land surveying projects, and references and exhibits of land surveying projects as required by the board; (b) an associate degree in land surveying that meets the board-approved land surveying curriculum, passage of the fundamentals of surveying examination, at least 6 years of combined office and field experience in land surveying under the direct supervision of a licensed professional land surveyor of which at least 4 1/2 years must be progressive experience on land surveying projects, and references and exhibits of land surveying projects as required by the board; (c) a baccalaureate degree with a minor in land surveying that meets the board-approved land surveying curriculum, passage of the fundamentals of surveying examination, at least 6 years of combined office and field experience in land surveying under the direct supervision of a licensed professional land surveyor of which at least 4 1/2 years must be progressive experience on land surveying projects, and references and exhibits of land surveying projects as required by the board; or (d) before October 1, 2022, passage of the fundamentals of surveying examination, at least 10 years of combined office and field experience in land surveying under the direct supervision of a licensed professional land surveyor of which at least 6 years must be progressive experience on land surveying projects, and references and exhibits of land surveying projects as required by the board. <p>"Board-approved curricula" means:</p> <ol style="list-style-type: none"> (a) For land surveying applicants, a minimum of 60 semester credits comprised of: <ol style="list-style-type: none"> (i) at least six credits in English, seven credits in math, six credits in drafting, including three credits in survey drafting, nine credits in basic science, five credits in humanities and social sciences or approved associate of applied science degree benchmarks; and (ii) 12 credits in surveying techniques and 15 credits in principles and practice of land surveying. (b) For land surveying applicants, a minimum of 60 semester credits comprised of: <ol style="list-style-type: none"> (i) at least six credits in English, seven credits in math, six credits in drafting, including three credits in survey drafting, nine credits in basic science, five credits in humanities and social sciences or approved associate of applied science degree benchmarks; and (ii) 12 credits in surveying techniques and 15 credits in principles and practice of land surveying. <p>He or she (j) has not less than six years of surveying experience of which five years must be as defined in subdivision (4) of section 81-8-109 (scope), and three of such five years must have been in a responsible position as a subordinate to a licensed land surveyor, or</p> <ol style="list-style-type: none"> (i) has graduated, after a course of not less than four years in surveying, engineering, or other approved curriculum, with proportionate credit for lesser time, from a school or college approved by the examining board as of satisfactory standing and has an additional two years of practice in a responsible position. <p>For purposes of this section, responsible position means a position that requires initiative, skill, and independent judgment and does not include the position of chairman, rodman, instrument person, ordinary drafter, or other position performing routine work.</p>	<p>FS, PS, and MT State Specific</p>	<p>http://hobels.nd.gov/</p>
Nebraska	Land Surveyors	<p>Land surveying means the establishment or reestablishment of corners and boundaries and the location of lots, parcels, tracts, or divisions of land, which may include distance, direction, elevation, and acreage, and the correct determination and description of lots, parcels, tracts, or divisions of land for, but not limited to, any of the following purposes:</p> <ol style="list-style-type: none"> To furnish a legal description of any tract of land to be used in the preparation of deeds of conveyance when the description is not the same as the one in the deed of conveyance to the current owner or when bearings, distances, or measurements are needed to properly describe the tract being conveyed; To furnish a legal description of any land surveyed to be used in the platting or subdividing of the land; To determine the amount of acreage contained in any land surveyed; or To furnish a topographic plat of a lot, parcel, tract, or division of land and locating natural and artificial features in the air, on the surface or subsurface of the earth, and on the beds or surface of bodies of water for the purpose of establishing the facts of size, area, shape, topography, and orientation of improved or unimproved real property and appurtenances to the real property. 	<p>FS and PS</p>	<p>https://nrbels.nebraska.gov/</p>	
Nevada	Professional Land Surveyor	<p>NRS 625.040 "Practice of land surveying" defined.</p> <p>1. A person who, in a private or public capacity, does or offers to do any one or more of the following practices land surveying:</p> <ol style="list-style-type: none"> (a) Locates, relocates, establishes, re-establishes or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment or elevation of any of the fixed works embraced within the practice of professional engineering as described in NRS 625.050. (b) Makes any survey for the subdivision or resubdivision of any tract of land; (c) Determines, by the use of the principles of land surveying, the position for any monument or reference point which marks a property line, boundary or corner, or sets, resets or replaces any such monument or reference point; (d) Determines the configuration or contour of the earth's surface or the position of fixed objects thereon by measuring lines and angles and applying the principles of trigonometry; (e) Geodetic or cadastral surveying; (f) Municipal and topographic surveying; (g) Determines the information shown or to be shown on any map or document prepared or furnished in connection with any one or more of the functions described in paragraphs (a) to (f), inclusive; (h) Indicates in any manner, by the use of the title "land surveyor," or by any other representation, that the person practices or offers to practice land surveying; (i) Procures or offers to procure land-surveying work for others or for himself or herself; (j) Manages or conducts as manager, proprietor or agent any place from which land-surveying work is solicited, performed or practiced. <p>2. A person practices land surveying if the person professes to be a land surveyor or is in a responsible charge of land-surveying work.</p> <p>3. Making a survey exclusively for geological or landscaping purposes, or aerial photographs or photogrammetry, not involving any of the practices specified in subsection 1, does not constitute land surveying.</p> <p>4. The practice of land surveying does not include the design, either in whole or in part,</p>	<p>Education</p> <p>Must have one of the following:</p> <ol style="list-style-type: none"> Graduate of a four (4) year land surveying curriculum or a board approved equivalent. Please email board@doe.state.nv.us for questions related to equivalent education. <p>Experience</p> <p>Accrued four (4) or more years progressive land surveying experience. The experience is to indicate that the applicant is competent to be placed in responsible charge of land surveying work. Relevant experience is to be shown on the following: Public Surveying; Boundary Surveying; Construction Staking; Restoration of Monuments; and/or Established True Bearings from Astronomical Observations, State Coordinate Systems Monuments or US& GS Monuments.</p> <p>Two (2) of the four (4) years of experience is to have been completed under the supervision of a professional land surveyor unless this requirement is waived by the board.</p>	<p>FS and PS, NV Principals and Practices</p>	<p>https://nvps.org/vps/</p>

New Hampshire	Land Surveyor	<p>II. A "land surveyor" is a professional specialist in the technique of measuring land, educated in the basic principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence and all requisite to the surveying of real property and engaged in the practice of land surveying as herein defined.</p> <p>IV. "Practice of land surveying" means any service or work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences and the relevant requirements of law for adequate evidence to the act of measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings, and on the beds of bodies of water for the purpose of determining areas and volumes, for the monumenting of property boundaries and for the platting and layout of lands and subdivisions of land, including the topography alignment and grades of streets and for the preparation and perpetuation of maps, record plats, field note records and property descriptions that represent these surveys.</p>	<p>I. As minimum evidence satisfactory to the board that a person is qualified for licensure as FS, PS, and NH Legal Aspects Exam a land surveyor, such person shall have a specific record of 6 years or more accumulated experience in land surveying work indicating that such person is competent to practice land surveying and has passed a proctored examination, prescribed by the board.</p> <p>II. A year of accumulated experience for the purpose of paragraph I shall include, but not be limited to:</p> <p>(a) Any year during which the applicant was enrolled at an institution of higher learning pursuing a curriculum of surveying, engineering, forestry, or forestry technician, so long as the applicant completed at least one course in land surveying during the said enrollment; provided such education credits towards accumulated experience shall not exceed 3 years of accumulated experience;</p> <p>(b) Any year during which the applicant was actively engaged in land surveying work as a land surveyor-in-training under the supervision of a licensed land surveyor; or</p> <p>(c) Any substantial period of time (even if less than a full calendar year) during which the applicant, in the discretion of the board, was considered to be actively engaged in land surveying work.</p>	<p>https://www.opic-rh.govt-and-surveyor/s/index.htm</p>	
New Jersey	Professional Land Surveyor	<p>The term "practice of land surveying" within the meaning and intent of this chapter shall mean any service or work the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences and the relevant requirements of law to the act of measuring and locating distances, directions, elevations, natural and man-made topographical features in the air, on the surface of the earth, within underground workings, and on beds of bodies of water for the purpose of determining areas and volumes, and for the establishing of horizontal and vertical control as it relates to construction stake-out, for the monumentation of property boundaries and for the platting and layout of lands and subdivisions thereof and for the preparation and perpetuation of maps, record plats, field notes, records and property descriptions in manual and computer coded form that represent these surveys.</p> <p>The practice of land surveying shall include the establishment and maintenance of the base mapping and related control for land information systems that are developed from the above referenced definition of the practice of land surveying.</p> <p>For purposes of this subsection, "land information systems" means any computer coded spatial database designed for multi-purpose public use developed from or based on property boundaries.</p> <p>A person who engages in the practice of land surveying; or who, by verbal claim, sign, advertisement, letterhead, card or in any other way represents himself to be a land surveyor or professional surveyor; or who represents himself as able to perform any land surveying service or work or any service which is recognized as within the practice of land surveying shall be deemed to practice or offer to practice land surveying.</p> <p>Nothing in this chapter shall preclude a person licensed by the board as a professional engineer from performing those measurements necessary for the design, construction stake-out, construction and post-construction records of an engineering project, provided that these measurements are not related to property lines, lot lines, easement lines, or right-of-way lines, the establishment of which are required to be made by a land surveyor.</p>	<p>(f) Effective January 1, 1991, graduation from a board approved curriculum in surveying of FS and PS four years or more, or an additional three years or more of experience in land surveying work of a character satisfactory to the board and indicating that the applicant is competent to be placed in responsible charge of that work; and successfully passing all parts of the written examination;</p> <p>Completion of a master's degree in surveying shall be considered as equivalent to one year of surveying experience and completion of a doctor's degree in surveying shall be considered as equivalent to one additional year of surveying experience.</p>	<p>https://www.njsa.numerama/flairs.gov/vtels</p>	
New Mexico	Professional Surveyors	<p>"surveying," "practice of surveying" or "surveying practice" means any service or work, the substantial performance of which involves the application of the principles of mathematics and the related physical and applied sciences for:</p> <p>(1) the measuring and locating of lines, angles, elevations and natural and man-made features in the air, on the surface of the earth, within underground workings and on the beds or bodies of water for the purpose of defining location, areas and volumes;</p> <p>(2) the monumenting of property boundaries and for the platting and layout of lands and subdivisions;</p> <p>(3) the application of photogrammetric methods used to derive topographic and other data;</p> <p>(4) the establishment of horizontal and vertical controls that will be the basis for all geospatial data used for future design surveys, including construction staking surveys, surveys to lay out horizontal and vertical alignments, topographic surveys, control surveys for aerial photography for the collection of topographic and planimetric data using photogrammetric methods and construction surveys of engineering and architectural public works projects;</p> <p>(5) the preparation and perpetuation of maps, records, plats, field notes, easements and property descriptions; and</p> <p>(6) the depiction and transmittal by paper or digital means of any digital geospatial data for use in geographic information systems or land information systems that purports to be the authoritative location of points or features on a survey regulated by the Engineering and Surveying Practice Act, but excludes data used solely for a cadastre, such as assessment and tax mapping purposes, or general representations of surveyed or historic data used for mapping purposes, such as land parcels and built infrastructure.</p>	<p>has at least four years of board-approved surveying experience / graduated from a four-year, board approved surveying curriculum as defined by board rule; and if graduated from a board-approved, four-year related science curriculum as specifically defined by board rules, has a minimum of four years of board-approved surveying experience subsequent to certification as a surveyor intern.</p> <p>Def: "Board-approved, four year curriculum in surveying" is defined as:</p> <p>(1) surveying curriculum of four years that has been accredited by ABET within at least three years of the applicant's graduation with a bachelor's degree in surveying;</p> <p>(2) curriculum not accredited by ABET but with a minimum number of surveying credits required for accreditation by ABET;</p> <p>"Board-approved related science degree" is defined as:</p> <p>(1) A four year bachelor of arts or science degree that is augmented by a minimum of 18 core curriculum hours in surveying, 12 hours of higher mathematics and six hours of basic science.</p> <p>(2) Core surveying classes shall include a minimum of a three hour semester course in each of the following areas:</p> <p>(a) boundary law legal principles of land surveying;</p> <p>(b) public land surveying system (PLSS);</p> <p>(c) plane surveying;</p> <p>(d) geodesy or photogrammetry.</p> <p>(3) The remainder of the 18 core curriculum hours in surveying may include classes in route surveying, geographic information systems, land development, global positioning systems, photogrammetry or geodesy, remote sensing, mapping, or professional ethics.</p> <p>(4) 12 hours of higher mathematics may include college algebra, trigonometry, analytical geometry, differential and integral calculus, linear algebra, numerical analysis, probability and statistics and advanced calculus.</p> <p>(5) Six hours of basic science may include physics, chemistry, geology, physical geography, biology, and astronomy</p>	FS and PS	<p>http://www.wabps.state.nm.us/</p>
New York	Professional Land Surveyor	<p>The practice of the profession of land surveying is defined as practicing that branch of the engineering profession and applied mathematics which includes the measuring and locating of the dimensions and areas of any portion of the earth, including all naturally placed and man- or machine-made structures and objects thereon, the lengths and directions of boundary lines, the contour of the surface and the application of rules and regulations in accordance with local requirements incidental to subdivisions, the correct determination, description, conveying and recording thereof or for the establishment or reestablishment thereof.</p>	<p>To meet the professional study requirement for licensure, the applicant shall present evidence of: possession of a bachelor's degree in land surveying or the equivalent from a program approved by the department for professional licensure purposes and four years of land surveying experience acceptable to the State Board; or completion of an approved secondary course of study; and for those applying prior to September 1, 1987, the equivalent of six years of land surveying experience acceptable to the board, provided that each complete year of study in a land surveying program approved by the department for professional licensure purposes may be accepted in lieu of one year of such experience to a maximum of two years; and for those applying on or after September 1, 1987, the equivalent of eight years of land surveying experience acceptable to the board, provided that each complete year of study in a land surveying program approved by the department for professional licensure purposes may be accepted in lieu of one year of such experience to a maximum of four years.</p>	FS, PS, and NY State Specific Exam	<p>http://www.w.op.ny.us/rdpfiles/</p>
North Carolina	Professional Surveyors	<p>Practice of land surveying -</p> <p>a. Providing professional services such as consultation, investigation, testimony, evaluation, planning, mapping, assembling, and interpreting reliable scientific measurements and information relative to the location, size, shape, or physical features of the earth, improvements on the earth, the space above the earth, or any part of the earth whether the gathering of information for the providing of these services is accomplished by conventional ground measurements, by aerial photography, by global positioning via satellites, or by a combination of these methods, and the development of these facts and interpretations into an orderly survey map, plan, report, description, or project. The practice of land surveying includes the following:</p> <ol style="list-style-type: none"> 1. Locating, relocating, establishing, laying out, or retracing any property line, easement, or boundary of any tract of land; 2. Locating, relocating, establishing, or laying out the alignment or elevation of any of the fixed works embraced within the practice of professional engineering; 3. Making any survey for the subdivision of any tract of land, including the topography, alignment and grades of streets and incidental drainage within the subdivision, and the preparation and perpetuation of maps, record plats, field note records, and property descriptions that represent these surveys; 4. Determining, by the use of the principles of land surveying, the position for any survey monument or reference point, or setting, resetting, or replacing any survey monument or reference point; 5. Determining the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface by measuring lines and angles and applying the principles of mathematics or photogrammetry; 6. Providing geodetic surveying which includes surveying for determination of the size and shape of the earth both horizontally and vertically and the precise positioning of points on the earth utilizing angular and linear measurements through spatially oriented spherical geometry; and 7. Creating, preparing, or modifying electronic or computerized data, including land information systems and geographic information systems relative to the performance of "Practice of land surveying"; <p>b. Means making land boundary determinations by providing or offering to provide professional services using such sciences as mathematics, geodesy, and photogrammetry and involving the making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth; improvements on the earth; and improvements on the space above, on, or below the earth and providing, utilizing, or developing the same into land survey products such as graphics, data, maps, plans, reports, descriptions, or projects. As used in this subsection, professional services include acts of consultation, investigation, testimony evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any one or more of the following:</p> <ol style="list-style-type: none"> (1) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface; (2) Determining by performing geodetic land surveys the size and shape of the earth or the position of any point on the earth; (3) Locating, relocating, establishing, re-establishing, or retracing property lines or boundaries of any tract of land, road, right of way, or easement; (4) Making any land survey for the division, subdivision, or consolidation of any tract of land; (5) Locating or laying out alignments, positions, or elevations for the construction of fixed works; (6) Determining by the use of principles of land surveying the position for any survey monument, boundary or nonboundary, or reference point and establishing or replacing any such monument or reference point; and (7) Creating, preparing, or modifying electronic or computerized or other data for the purpose of making land boundary determinations relative to the performance of the activities in paragraphs 1 through 6. <p>b. Includes:</p> <ol style="list-style-type: none"> (1) Engaging in land surveying; (2) By verbal claim, sign, advertisement, letterhead, card, or any other way representing 	<p>Meet one of the following requirements:</p> <p>a. Rightful possession of a bachelor of science degree in surveying or other equivalent curricula, all approved by the Board and a record satisfactory to the Board of two years or more of progressive practical experience, one year of which shall have been under a practicing professional land surveyor (if the applicant has successfully passed the first examination (Fundamentals of Surveying) on or before January 1, 2013, or if the applicant has not successfully passed the first examination on or before January 1, 2013, two years of which shall have been under a practicing professional land surveyor, and satisfactorily passing any oral and written examination required by the Board, all of which shall determine and indicate that the applicant is competent to practice land surveying. Upon passing the first examination and successful completion of the experience required by this subdivision, the applicant may apply to take the second examination (Principles and Practice of Land Surveying). An applicant who passes both examinations and completes the educational and experience requirements of this subdivision shall be granted licensure as a professional land surveyor.</p> <p>b. Rightful possession of an associate degree in surveying technology approved by the Board and a record satisfactory to the Board of four years of progressive practical experience, three years of which shall have been under a practicing licensed land surveyor (if the applicant has successfully passed the first examination (Fundamentals of Surveying) on or before January 1, 2013, or if the applicant has not successfully passed the first examination on or before January 1, 2013, eight years of progressive practical experience, four years of which shall have been under a practicing professional land surveyor, and satisfactorily passing any written and oral examination required by the Board, all of which shall determine and indicate that the applicant is competent to practice land surveying. If the applicant has not successfully completed the first examination on or before January 1, 2013, the applicant may apply to the Board to take the first examination after obtaining the associate degree and completing four years of practical experience, two years of which shall have been under a practicing professional land surveyor at the first regularly scheduled examination thereafter. Upon passing the first examination and successfully completing the practical experience required under this subdivision, the applicant may apply to the Board to take the second examination (Principles and Practice of Land Surveying).</p>	FS and PS w/Part two specific to NC	<p>https://www.ncbe.is.org/</p>
North Dakota	Professional Land Surveyors	<p>"Practice of land surveying" -</p> <p>a. Means making land boundary determinations by providing or offering to provide professional services using such sciences as mathematics, geodesy, and photogrammetry and involving the making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth; improvements on the earth; and improvements on the space above, on, or below the earth and providing, utilizing, or developing the same into land survey products such as graphics, data, maps, plans, reports, descriptions, or projects. As used in this subsection, professional services include acts of consultation, investigation, testimony evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any one or more of the following:</p> <ol style="list-style-type: none"> (1) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface; (2) Determining by performing geodetic land surveys the size and shape of the earth or the position of any point on the earth; (3) Locating, relocating, establishing, re-establishing, or retracing property lines or boundaries of any tract of land, road, right of way, or easement; (4) Making any land survey for the division, subdivision, or consolidation of any tract of land; (5) Locating or laying out alignments, positions, or elevations for the construction of fixed works; (6) Determining by the use of principles of land surveying the position for any survey monument, boundary or nonboundary, or reference point and establishing or replacing any such monument or reference point; and (7) Creating, preparing, or modifying electronic or computerized or other data for the purpose of making land boundary determinations relative to the performance of the activities in paragraphs 1 through 6. <p>b. Includes:</p> <ol style="list-style-type: none"> (1) Engaging in land surveying; (2) By verbal claim, sign, advertisement, letterhead, card, or any other way representing 	<p>1. Has a baccalaureate degree in land surveying from an institution that offers board approved accredited programs;</p> <p>2. Has a baccalaureate degree in a board-approved program other than land surveying and:</p> <ol style="list-style-type: none"> a. Has board-approved educational training in land surveying in connection with the baccalaureate degree or other program; and b. Has at least two years of qualifying land surveying experience of a character satisfactory to the board; <p>3. Has an associate degree in land surveying from a board-approved program and has at least two years of qualifying land surveying experience of a character satisfactory to the board; or</p> <p>4. Has a certificate in land surveying from an institution that offers a board-approved program and has at least four years of qualifying land surveying experience of a character satisfactory to the board.</p>	FS and PS	<p>https://delsbo.and.org/</p>

South Carolina	Professional Surveyor (Tier A and Tier B, see scope)	<p>(26) "Practice of TIER A surveying" means providing professional services including, but not limited to, consultation, investigation, testimony, evaluation, expert technical testimony, planning, mapping, assembling, and interpreting reliable scientific measurements and information relative to the location, size, shape, or physical features of the earth, the space above the earth, or part of the earth, and utilization and development of these facts and interpretation into an orderly survey map, site plan, report, description, or project. The practice of TIER A surveying consists of three separate disciplines: land surveying, photogrammetry, and geographic information systems. A surveyor may be licensed in one or more of the disciplines and practice is restricted to only the discipline or disciplines for which the land surveyor is licensed. The practice of TIER A surveying does not include the use of geographic information systems to create maps pursuant to Section 46-22-290, analyze data, or create reports. The scope of the individual disciplines are identified as follows:</p> <p>(a) Land surveying:</p> <ol style="list-style-type: none"> (1) locates, relocates, establishes, reestablishes, lays out, or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment, or elevation of any fixed works embraced within the practice of land surveying, or makes any survey for the subdivision of land; (2) determines, by the use of principles of land surveying, the position for any survey monument or reference point, or sets, resets, or replaces such monument or reference point; determines the topographic configuration or contour of the earth's surface with terrestrial measurements; conducts hydrographic surveys; (3) conducts geodetic surveying which includes surveying for determination of geodetic position in an international three-dimensional coordinate system, where the curvature of the earth must be taken into account when determining directions and distances; geodetic surveying includes the use of terrestrial measurements of angles and distances, as well as measured ranges to artificial satellites. <p>(b) A photogrammetric surveyor determines the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface by applying the principles of mathematics on remotely sensed data, such as photogrammetry.</p>	<p>TEIR A The minimum evidence satisfactory to the board that an applicant is qualified for licensure as a TIER A Professional Surveyor is graduation from a school or college of four or more years with a board-approved degree, an ABET commission accredited curriculum in a related field, including completed discipline-specific courses of not less than twelve semester hours or the equivalent in quarter hours satisfactory to the board in each of the disciplines described in Section 46-22-290 for which the applicant is requesting licensure, a specific record of four or more years of progressive practical experience of a character satisfactory to the board and performed under a practicing registered professional surveyor, and passing the NCEES Fundamentals of Surveying examination and the Principles and Practice of Surveying examination in the discipline for which the applicant is requesting licensure.</p> <p>TEIR B To be eligible for licensure and registration as a professional land surveyor TIER B, an applicant must be of good character and reputation and be able to communicate effectively in the English language. The minimum evidence satisfactory to the board that an applicant is qualified for licensure as a TIER B Professional Land Surveyor is graduation from a school or college of four or more years with a board-approved degree, including in the curriculum not less than fifteen semester hours or the equivalent in quarter hours of surveying, mapping, hydraulics, and hydrology courses satisfactory to the board, or a bachelor of engineering technology degree in an ABET commission accredited curriculum of surveying or engineering technology, including in the curriculum not less than twelve semester hours or the equivalent in quarter hours of surveying, mapping, hydraulics, and hydrology courses satisfactory to the board, a specific record of four or more years of progressive practical experience of a character satisfactory to the board and performed under a practicing registered surveyor, and passing the NCEES Surveyor-in-Training Fundamentals of Surveying examination and the NCEES Principles and Practice of Surveying examination.</p>	FS, PS, SC State Specific, and Tier B must take: SC Board Rules, Principles and Practice of Photogrammetric Surveying and Principles and Practice of GIS Surveying	https://lr.sc.gov/en/
South Dakota	Professional Land Surveyors	<p>Practice of land surveying defined.</p> <p>For the purposes of this chapter, the term, practice of land surveying, means the practice or offering to practice professional services such as consultation, investigation, testimony, evaluation, land-use studies, planning, mapping, assembling, interpreting reliable scientific measurements and information relative to the location, size, shape, or physical features of the earth, improvements on the earth, the space above the earth, or any part of the earth, and utilization and development of these facts and interpretation into an orderly survey map, plan, report, description, or project.</p> <p>The practice of land surveying includes any of the following:</p> <ol style="list-style-type: none"> (1) Locates, relocates, establishes, reestablishes, lays out, or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment, or elevation of any of the fixed works embraced within the practice of land surveying; (2) Makes any survey for the subdivision of any tract of land; (3) Determines, by the use of principles of land surveying, the position for any survey monument or reference point, or sets, resets, or replaces any such monument or reference point; (4) Determines the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface by measuring lines and angles and applying the principles of mathematics; (5) Geodetic surveying which includes surveying for determination of the size and shape of the earth utilizing angular and linear measurements through spatially oriented spherical geometry; or (6) Creates, prepares, or modifies electronic or computerized data, including land information systems and geographic information systems, relative to the performance of the activities in subdivisions (1) to (5), inclusive, of this section. 	<ol style="list-style-type: none"> (1) A bachelor level degree in surveying from a program accredited by the EAC, ASAC, or TAC or ABET or other institution approved by the board as equivalent; (2) A bachelor level degree in a related technical program; or (3) A bachelor level degree in a non-related program or an associate level technical degree in surveying or related technical program. <p>In all cases, reference above to a degree in a related technical program shall be a degree having a program of study which includes basic courses in mathematics, physical science, and other subject areas related to surveying. The board will determine which programs are related technical programs and which are non-related programs.</p> <p>Each applicant for licensure must complete at least 24 total semester credit hours of surveying education, which may consist of the successful completion of either surveying courses included in the degree program or surveying courses which were taken outside of and in addition to the degree program, or a combination of both. The surveying courses must be acquired from education institutions offering degrees as a land surveyor or as acceptable to the board. The surveying courses shall be unique in title and subject matter, and may not be duplicates of each other. The surveying courses shall range from basic principles of surveying through advanced applications of surveying, and shall include courses on the original public land survey system and boundary surveying. In the event all or a portion of the surveying education is earned as quarter credit hours, the equivalent education shall be based on equating one semester credit hour as being equal to one and one-half quarter credit hours.</p> <p>Land surveying interns (LSIT or LSI) who have completed all of the requirements and who apply for licensure as a land surveyor prior to December 31, 2022, may apply for licensure under the licensing requirements that existed on January 1, 2011:</p> <ol style="list-style-type: none"> (1) Four years of experience, of which a minimum of two years shall be after earning the degree and a minimum of two years shall be after enrollment as a land surveying intern in accordance with § 20.38.32.04, for an applicant meeting the education requirement described in subdivision 20.38.30.03(1) or (2); or (2) Seven years of experience, of which a minimum of three years shall be after earning the degree and a minimum of two years shall be after enrollment as a land surveying intern in accordance with § 20.38.32.04, for an applicant meeting the education requirement described in subdivision 20.38.30.03(1) or (2); or (3) Seven years of experience, of which a minimum of three years shall be after earning the degree and a minimum of two years shall be after enrollment as a land surveying intern in accordance with § 20.38.32.04, for an applicant meeting the education requirement described in subdivision 20.38.30.03(1) or (2); or (4) Obtain a baccalaureate degree from a science, engineering or technology curriculum of four (4) or more years, approved by the board, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties performed under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor; (5) Obtain a baccalaureate degree from a science, engineering or technology curriculum of four (4) or more years related to the practice of land surveying, approved by the board, with a minimum of twenty-four (24) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties performed under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor; (6) Obtain a baccalaureate degree from a non-surveying related curriculum of four (4) or more years, approved by the board, plus an additional thirty-six (36) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor; (7) Obtain an associate degree in surveying technology or a related science, engineering or technical field approved by the board with a minimum of thirty (30) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor. 	FS, PS, SD Laws and Rules	https://drl.sd.gov/bfp/
Tennessee	Professional Land Surveyor	<p>"Practice of land surveying" means any service of work, the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences and the relevant requirements of law for adequate evidence to the act of measuring and locating lines, angles, elevations, natural and man-made features in the air, on the surface of the earth, within underground workings and on the beds of bodies of water for the purpose of determining areas and volumes, for the monumenting of property boundaries and for the platting and layout of lands and subdivisions, including the topography, drainage, alignment and grades of streets, and for the preparation and perpetuation of maps, records, plats, field notes, records and property descriptions that represent these surveys.</p>	<ol style="list-style-type: none"> (i) Obtain a baccalaureate degree from a science, engineering or technology curriculum of four (4) or more years related to the practice of land surveying, approved by the board, with a minimum of twenty-four (24) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties performed under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor; (ii) Obtain a baccalaureate degree from a non-surveying related curriculum of four (4) or more years, approved by the board, plus an additional thirty-six (36) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor; (iii) Obtain an associate degree in surveying technology or a related science, engineering or technical field approved by the board with a minimum of thirty (30) semester hours of board-approved coursework in the surveying sciences, and a record satisfactory to the board of two (2) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, one (1) year of which shall have been in responsible charge of duties under a practicing professional land surveyor. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a professional land surveyor. 	FS, PS, and TN State Jurisdictional Exam	https://wv.com/eeching/boards/surveyors.html
Texas		<p>(6) "Professional surveying" means the practice of land, boundary, or property surveying or other similar professional practices.</p> <p>The term includes:</p> <ol style="list-style-type: none"> (A) performing any service or work the adequate performance of which involves applying special knowledge of the principles of geodesy, mathematics, related applied and physical sciences, and relevant laws to the measurement or location of sites, points, lines, angles, elevations, natural features, and existing man-made works in the air, on the earth's surface, within underground workings, and on the beds of bodies of water to determine areas and volumes for: (i) locating real property boundaries; (ii) platting and laying out land and subdivisions of land; or (iii) preparing and perpetuating maps, record plats, field note records, easements, and real property descriptions that represent those surveys; and (B) consulting, investigating, evaluating, analyzing, planning, providing an expert surveying opinion or testimony, acquiring survey data, preparing technical reports, and mapping to the extent those acts are performed in connection with acts described by this subdivision 	<ol style="list-style-type: none"> (1) hold a certificate as a surveyor-in-training; (2) have at least two years of experience satisfactory to the board as a surveyor-in-training in performing surveying in delegated responsibility as a subordinate to a surveyor registered or licensed to engage in the practice of surveying in this state or in another state having registration or licensing requirements equivalent to the requirements of this state; and (3) have earned an associate or bachelor's degree from an accredited institution of higher education that included at least 32 semester hours in a combination of courses acceptable to the board in: <ol style="list-style-type: none"> (A) civil engineering; (B) land surveying; (C) mathematics; (D) photogrammetry; (E) forestry; (F) land law; or (G) the physical sciences <p>SURVEYOR-IN-TRAINING CERTIFICATE.</p> <ol style="list-style-type: none"> (a) An applicant for a surveyor-in-training certificate must: <ol style="list-style-type: none"> (1) have earned a bachelor of science degree in surveying from an accredited institution of higher education; (2) have: <ol style="list-style-type: none"> (A) earned a bachelor's degree from an accredited institution of higher education that included at least 32 semester hours in a combination of courses acceptable to the board in: <ol style="list-style-type: none"> (i) civil engineering; (ii) land surveying; (iii) mathematics; (iv) photogrammetry; (v) forestry; (B) one of the following provisions, as established by the Board by rule: <ol style="list-style-type: none"> (1) Bachelor's degree in land surveying, internship, portfolio, and examination. A person who has graduated with a bachelor's degree in land surveying from a program accredited by the Accreditation Board for Engineering and Technology (ABET), completed a 24-month internship, successfully completed a portfolio, and successfully completed the examinations required by the Board may be granted a license; (2) Associate's degree in land surveying, internship, portfolio, and examination. A person who has graduated with an associate's degree in land surveying from a program accredited by the ABET, completed a 36-month internship, successfully completed a portfolio, and successfully completed the examinations required by the Board may be granted a license; (3) Internship, portfolio, and examinations. An applicant who has completed a 72-month internship, successfully completed a portfolio, and passed the examinations required by the Board may be granted a license. 	FS, PS, TX Specific	https://engr.texas.gov/
Vermont	Land Surveyors	<p>"Practice of land surveying" means providing, or offering to provide, professional services including record research, reconnaissance, measurements, gathering parcel evidence, analysis of evidence, mapping, planning, expert testimony, and consultation related to any of the following:</p> <ol style="list-style-type: none"> (A) locating, relocating, establishing, reestablishing, or retracing property lines or boundaries, or demarcating other legal rights or interests in any tract of land, road, right-of-way, or easement; (B) determining, by the use of principles of surveying, the position for any boundary monument or reference point, or replacing any monument or reference point; (C) making any survey for the division, subdivision, or consolidation of any tract of land; (D) creating, preparing, or modifying graphic documents such as maps, plats, and plans, or electronic data used or referenced in instruments of conveyance of rights in real property, or that define rights in real property, or are used to define such rights; (E) calculating dimensions and areas, which may be used to define rights in real property. 	<ol style="list-style-type: none"> (1) Bachelor's degree in land surveying, internship, portfolio, and examination. A person who has graduated with a bachelor's degree in land surveying from a program accredited by the Accreditation Board for Engineering and Technology (ABET), completed a 24-month internship, successfully completed a portfolio, and successfully completed the examinations required by the Board may be granted a license; (2) Associate's degree in land surveying, internship, portfolio, and examination. A person who has graduated with an associate's degree in land surveying from a program accredited by the ABET, completed a 36-month internship, successfully completed a portfolio, and successfully completed the examinations required by the Board may be granted a license; (3) Internship, portfolio, and examinations. An applicant who has completed a 72-month internship, successfully completed a portfolio, and passed the examinations required by the Board may be granted a license. 	FS, PS, VT Specific	
Virginia	Professional Land Surveyor	<p>"Land surveyor" means a person who, by reason of his knowledge of the several sciences and of the principles of land surveying, and of the planning and design of land developments acquired by practical experience and formal education, is qualified to engage in the practice of land surveying, and whose competence has been attested by the Board through licensure as a land surveyor.</p> <p>The "practice of land surveying" includes surveying of areas for a determination or correction, a description, the establishment or reestablishment of internal and external land boundaries, or the determination of topography, contours or location of physical improvements, and also includes the planning of land and subdivisions thereof. The term "planning of land and subdivisions thereof" shall include, but not be limited to, the preparation of incidental plans and profiles for roads, streets and sidewalks, grading, drainage on the surface, culverts and erosion control measures, with reference to existing state or local standards.</p>	<ol style="list-style-type: none"> A. Land surveyor license. <ol style="list-style-type: none"> 1. An SIT who has met the requirements of 18VAC10-20-300 and has a minimum of four years of approved land surveying experience shall be approved to sit for an exam in the Principles and Practice of Land Surveying and the Virginia specific land surveying exam. 18VAC10-20-300. Requirements for surveyor-in-training (SIT) designation. <ol style="list-style-type: none"> 1. In order to be approved to sit for the Fundamentals of Land Surveying (FLS) exam, applicants must satisfy one of the following requirements: <ol style="list-style-type: none"> 1. Be enrolled in a board-approved or ABET-accredited surveying or surveying technology curriculum, have 12 months or less remaining before completion of degree requirements, and provide a certificate of good standing from the dean of the school or the institution. 2. Have earned an undergraduate degree from a board-approved or ABET accredited surveying or surveying technology curriculum; 3. Have earned a board-approved undergraduate degree related to surveying and possess a minimum of one year of approved land surveying experience; 4. Have earned a board-approved undergraduate degree in a field unrelated to surveying and possess a minimum of two years of approved land surveying experience; 5. Have earned a board-approved associate's degree related to surveying and possess a minimum of four years of approved land surveying experience; 6. Have successfully completed a board-approved surveying apprenticeship program. The apprenticeship program shall include a minimum of 480 hours of surveying-related classroom instruction with a minimum of six years of approved land surveying experience; or 7. Have graduated from high school with evidence of successful completion of courses in algebra, geometry and trigonometry, and possess a minimum of eight years of approved land surveying experience. 	FS, PS, VA Specific	http://www.dipr.virginia.gov/boards/APELS/
Washington	Land Surveyor	<p>"Practice of land surveying" means assuming responsible charge of the surveying of land for the establishment of corners, lines, boundaries, and monuments, the laying out and subdivision of land, the defining and locating of corners, lines, boundaries, and monuments of land after they have been established, the survey of land areas for the purpose of determining the topography thereof, the making of topographical delineations and the preparing of maps and accurate records thereof, when the proper performance of such services requires technical knowledge and skill.</p>	<ol style="list-style-type: none"> Have 8 years of professional-level experience under the direct supervision of a licensed land surveyor. Education in an ABET-accredited program may count for up to 4 years of this experience. Completion of the Certified Federal Surveyor (CFedS) program, including the final exam, may count for 3 months of this experience. 	FS, PS, WA State Specific	https://lr.pels.wa.gov/

Northern Mariana Islands	Professional Land Surveyor	<p>"Land Surveyor" - The term "land surveyor" shall mean a person who has been duly licensed by the Board to engage in the practice of land surveying in the Commonwealth, as hereinafter defined: "Practice of Land Surveying"</p> <p>(1) The term "practice of land surveying" shall mean providing or offering to provide professional services using such services as mathematics, geodesy, and photogrammetry, and involving both:</p> <p>(i) The making of geometric measurements and gathering related information pertaining to the physical or legal features of the earth, improvements on the earth, the space above, on, or below the earth.</p> <p>(ii) Providing, utilizing, or developing the same into survey products such as graphics, data, maps, plans, reports, descriptions, or projects.</p> <p>(2) Professional services include acts of consultation, investigation, testimony evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any one or more of the following: Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon.</p> <p>(i) Determining by performing geodetic surveys the size and shape of the earth or the position of any point on the earth.</p> <p>(ii) Locating, relocating, establishing, reestablishing, or retracing property lines or boundaries of any tract of land, road, right-of-way, or easement.</p> <p>(iv) Making any survey for the division, subdivision, or consolidation of any tract(s) of land.</p> <p>(v) Locating or laying out alignments, positions, or elevations for the construction of fixed works.</p> <p>(vi) Determining, by the use of principles of surveying, the position for any survey monument (boundary or non-boundary) or reference point; establishing or replacing any such monument or reference point.</p> <p>(vi) Creating, preparing, or modifying electronic or computerized or other data, relative to the performance of the activities in the above described items (a) through (f).</p> <p>(3) Any person is considered to practice or offer to practice land surveying, with the meaning and intent of the law, who engages in land surveying or who by verbal claim,</p>	<p>Professional Land Surveyor (PLS):</p> <p>(i) Applicant is a graduate of a college accredited by ABET or CEAB and has completed a general engineering curriculum of four years or more, with emphasis in land surveying, and has completed four years of progressive experience in land surveying work satisfactory to the Board, at least one year of which shall have been under the supervision of a licensed land surveyor, and has also successfully passed both the Fundamentals of Surveyor Examination and the Principles and Practice of Land Surveying Examination; or</p> <p>(ii) Applicant is a graduate of a college not accredited by ABET or CEAB, has completed a civil engineering or surveying curriculum of two years or more, has completed eight years of progressive experience in land surveying work satisfactory to the Board, at least two years of which shall have been under the supervision of a licensed land surveyor, and has also successfully passed both the Fundamentals of Surveyor Examination and the Principles and Practice of Land Surveying Examination; or</p> <p>(iii) Applicant has had 12 years of progressive experience in land surveying work satisfactory to the Board, at least two years of which shall have been under the supervision of a licensed land surveyor, and has also successfully passed both the Fundamentals of Surveyor Examination and the Principles and Practice of Land Surveying Examination.</p>	FS and PS	http://cn.mtg.gov/hcjob.nsf/default.asp?accID=6
Puerto Rico	Licensed Surveyor	<p>Practice of surveying.—Comprises the rendering of any professional service or the execution of any work of a creative nature whose completion requires the education, knowledge, training and experience of a surveyor. It includes the rendering of any services on the execution of any works that require the application of knowledge in surveying to render said professional services or execute such works of a creative nature. It comprises consulting, conducting studies, and teaching surveying subjects, conducting research, cartographic, photogrammetric and geodesic works, measurements in relation to engineering or architectural projects or works, the segregation of real estate and topography for official use, the determination and description of areas, boundaries and land divisions and the consolidation and segregation of real estate and their verification and certification, including graphic representations thereof.</p> <p>The practice of surveying furthermore encompasses technical and professional tasks concerning the determination, drafting and location of coastlines, the location of bodies of water, the correlation of vertical and horizontal as well as level, surface and underground controls, the geometric design of lots, access points, easements and rights of way, the layout and leveling of water and sewage pipelines and of water supply systems and real estate, and the monumenting, locating, leveling and layout of highways. It also includes the execution of measures related to studies and field studies on sanitary systems, water supplies, access points and routes, on hydrography, real estate registries, geography, photogrammetric controls and on the location of plants, aqueducts, mines, bridges, power lines and docks.</p> <p>The surveyor shall draft certifications of his work when said work is of a surveying nature.</p>	<p>Licensed surveyor.—Attesting evidence that the applicant has graduated from a land surveying curriculum or program of at least four (4) years, or its equivalent, from any university, college or institution whose reputation and degree of excellence are, in the case of Puerto Rico, recognized by the Council on Higher Education; and in the case of foreign degrees, by the Board; and has successfully passed the fundamentals of surveying and the principles and practice of surveying written examination (licensor exam), and provides attesting evidence of having at least two (2) years of professional experience acquired after his/her certification as surveyor in training or accredited, according to the sworn statement of a licensed surveyor or engineer authorized to practice the profession of surveying; or has at least (1) year and six (6) months of experience according to the sworn statement of a Licensed Surveyor or Engineer authorized to practice Surveying and holds a Master's Degree in Surveying from any university, college, or institution whose reputation and degree of excellence are, in the case of Puerto Rico, recognized by the Council on Higher Education; and in the case of foreign degrees, by the Board; or has at least one (1) year of experience, according to the sworn statement of a licensed surveyor or engineer authorized to practice surveying and holds a Doctoral Degree (Ph.D.) in surveying from any university, college, or institution whose reputation and degree of excellence are, in the case of Puerto Rico, recognized by the Council on Higher Education; and in the case of foreign degrees, by the Board. This sworn statement shall provide evidence, to the satisfaction of the Board, that the applicant is qualified to practice the profession of surveyor with the degree of professional responsibility that justifies his/her licensing. When the evidence of the experience required above is not conclusive for the Board, or when, in the opinion of the Board, such evidence fails to show that there is sufficient guarantee and justification to license the applicant, he/she may be required to present further evidence on any part thereof.</p>	FS and PS	https://pr.pscib.ccrn.gov/pag/en/ingeni/enoyagr/insensor.es
US Virgin Islands	Land Surveyor	<p>Practice of land surveying. The practice of land surveying means the professional service of a land surveyor, as defined above, and shall be the responsibility for and/or execution of the surveying of areas for the correct determination and description and for conveyance; the establishment of corners, lines, boundaries, and monuments, the platting of land and subdivisions thereof including, as required, the functions of topography, grading, drainage, and extension of sewer and water lines; the defining and location of corners, lines, boundaries, and monuments of land after they have been established; and preparing the maps, and accurate records and descriptions thereof.</p>	<p>GRADUATION, EXPERIENCE AND EXAMINATION</p> <p>A graduate from an accredited architectural, engineering, or land surveying curriculum of four or more years, approved by the Board, with an additional two years or more of specific and active experience in the field, shall be admitted to an examination.</p> <p>An applicant who has a high school diploma and eight years or more of specific and active experience in architecture, engineering, or land surveying shall be admitted to an examination, equivalent to that required by the National Council of Architectural Registration Boards and the National Council of State Boards of Engineering Examiners.</p> <p>An applicant with a record of at least twelve years of specific and active practice in architecture, engineering, or land surveying shall be admitted to sit the respective 8 hour national examinations.</p>	FS and PS	https://dca.vi.gov/boards/rfticatio/relisicaps/airequ/rements/

Endorsement to Utah: Professional Structural Engineer

KEY
Equivalent to Utah License
Additional Documentation Needed, see below
No Equivalent State or Territory License to Utah, see below

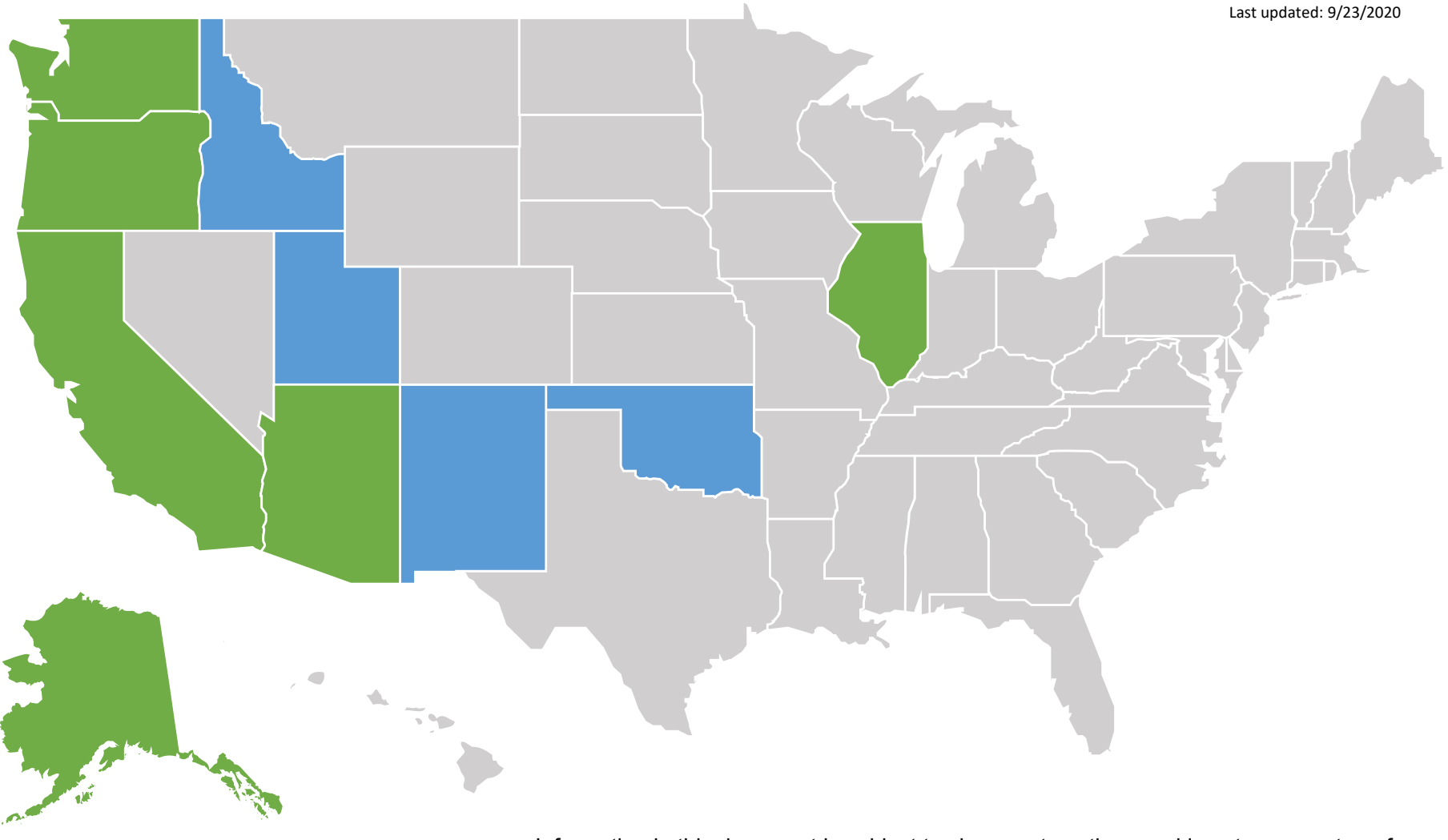
Last updated: 9/23/2020

Utah Statute: 58-28

Qualifications:

Each applicant for licensure as a professional structural engineer shall:

- graduated and received an earned bachelors or masters degree from an EAC/ABET or CEAB program, or a program deemed equivalent by NCEES;
- successfully completed the experience requirements required for the education level obtain (see 58-22-302(d) and 302f); the NCEES SE, Structural 1 and Structural II, an equivalent 16-hour state written examination, or the NCEES Structural II exam and an equivalent 8-hour state written examination



Additional Jurisdictions
District of Columbia
American Samoa
Guam
Northern Mariana Islands
Puerto Rico
U.S. Virgin Islands

Information in this document is subject to change at anytime, and is not a guarantee of meeting the requirements for licensure. Please see the next page for additional instructions.

Application Process

To apply to Utah using one of the licenses deemed equivalent (jurisdictions in green on the above map), you must have held the license type indicated on the map for at least one year. Additionally, the license must be active and in good standing.

In addition to a complete application for licensure and the appropriate fees, you must also submit an official verification of your license. If you have been subject to previous disciplinary actions on any professional license or answer yes to any of the questions found on the qualifying questionnaires within the application, you will be required to provide additional information regarding those incidents. See the application for complete instructions.

Additional Requirements

For jurisdictions that do not meet the minimum requirements for endorsement outlined in 58-1-302, applicants may still be able to use their current license to satisfy some of the requirements for licensure. In addition to a license verification from the jurisdiction, see the information below needed to correct deficiencies in endorsement for specific states or territories.

Jurisdiction	Additional Items/Information Required
North Mariana Islands	

Jurisdictions with no specific structural designation or no equivalent state, district or territory-wide license:

If no equivalent state or territory-wide license is issued by a jurisdiction, local jurisdiction licenses (such as those issued by a city or county) or non-equivalent state or territory licenses may be used to assist with documentation of compliance with some Utah qualifications. Applicants must submit a verification of the license they feel may demonstrate components of Utah qualifications that includes documentation of hours, exams, and other qualifications completed to obtain the license. Additionally, providing information regarding the scope of the license will assist the Division in determining equivalency.

Endorsement to Utah: Professional Land Surveyor

Utah Statute: 58-28

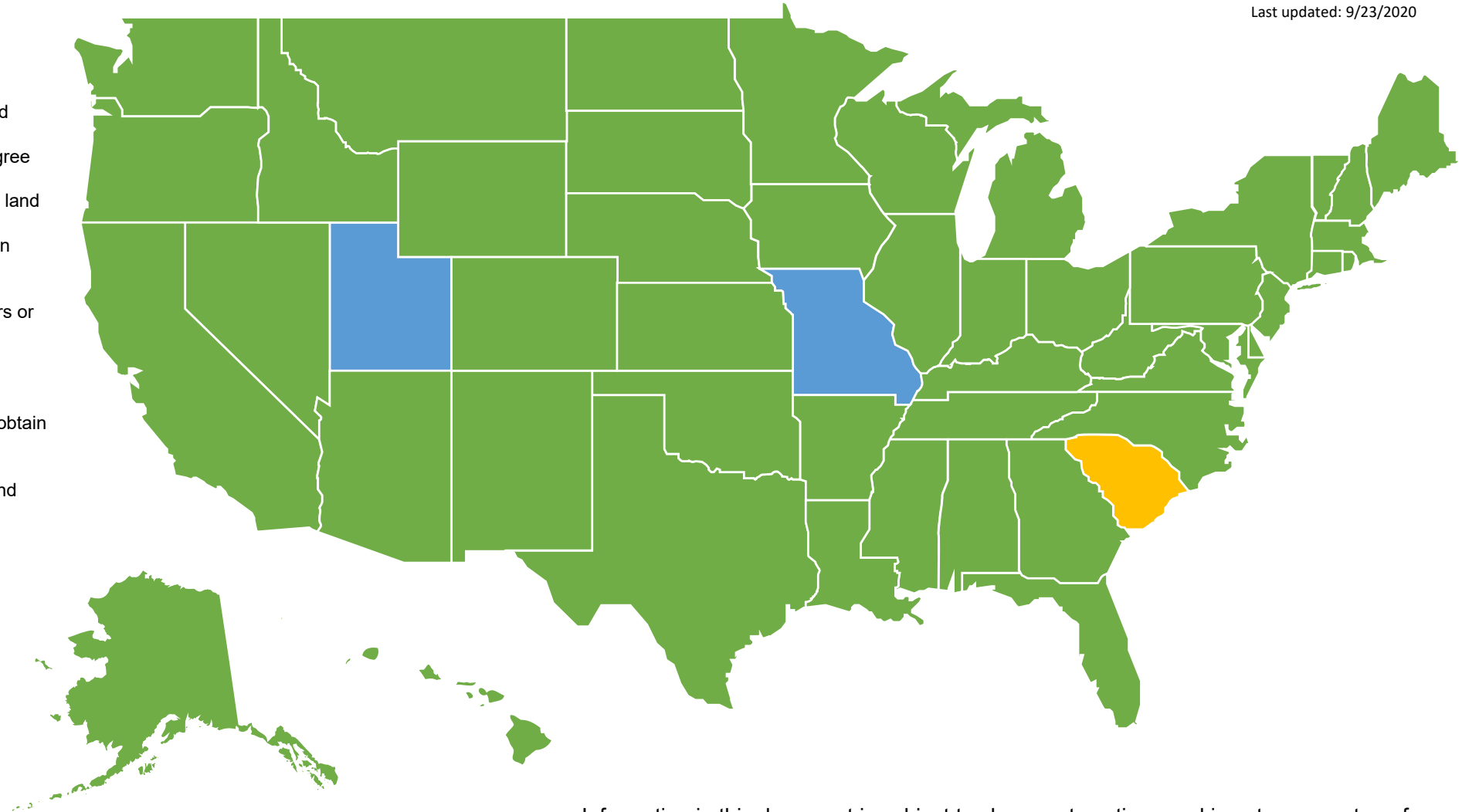
Qualifications:

Each applicant for licensure as a professional land surveyor shall:

- have graduated and received an earned a degree from an approved institution as follows:
 1. an associates in applied science degree in land surveying or geomatics;
 2. a bachelors, masters or doctorate degree in land surveying or geomatics;
 3. an equivalent land surveying program that includes completion of a bachelors, masters or doctorate degree in a field related to land surveying or geomatics that meets the requirements outlined in R156-22-302c.
- successfully completed the experience requirements required for the education level obtain (see R156-22-302g);
- successfully passed the NCEES FS and PS
- successfully passed the Utah Professional Land Surveyor Examination

KEY
Equivalent to Utah License
Additional Documentation Needed, see below
No Equivalent State or Territory License to Utah, see below

Last updated: 9/23/2020



Additional Jurisdictions
District of Columbia
American Samoa
Guam
Northern Mariana Islands
Puerto Rico
U.S. Virgin Islands

Information in this document is subject to change at anytime, and is not a guarantee of meeting the requirements for licensure. Please see the next page for additional instructions.

Application Process

To apply to Utah using one of the licenses deemed equivalent (jurisdictions in green on the above map), you must have held the license type indicated on the map for at least one year. Additionally, the license must be active and in good standing.

In addition to a complete application for licensure and the appropriate fees, you must also submit an official verification of your license. If you have been subject to previous disciplinary actions on any professional license or answer yes to any of the questions found on the qualifying questionnaires within the application, you will be required to provide additional information regarding those incidents. See the application for complete instructions.

NOTE: All Applicants must take and pass the Utah Professional Land Surveyor Examination

Additional Requirements

For jurisdictions that do not meet the minimum requirements for endorsement outlined in 58-1-302, applicants may still be able to use their current license to satisfy some of the requirements for licensure. In addition to a license verification from the jurisdiction, see the information below needed to correct deficiencies in endorsement for specific states or territories.

Jurisdiction	Additional Items/Information Required
South Carolina	
American Samoa	

Jurisdictions with no equivalent State or Territory-Wide License:

If no equivalent state or territory-wide license is issued by a jurisdiction, local jurisdiction licenses (such as those issued by a city or county) or non-equivalent state or territory licenses may be used to assist with documentation of compliance with some Utah qualifications. Applicants must submit a verification of the license they feel may demonstrate components of Utah qualifications that includes documentation of hours, exams, and other qualifications completed to obtain the license. Additionally, providing information regarding the scope of the license will assist the Division in determining equivalency.