

## 2022 NCEES Western Zone Interim Meeting Summary

<b>Meeting location</b>	Edgewood Tahoe 180 Lake Parkway Stateline, Nevada 89449
<b>Meeting summary</b>	The zone interim meeting is held each spring. The primary purpose of the meeting is for representatives from the licensing boards to hear and discuss reports from the NCEES board of directors, CEO, standing committees, and task forces. The work of the committees and task forces results in motions that will be presented for Council vote at the annual meeting in August. Zone meeting delegates can ask questions and discuss possible annual meeting motions, and they are encouraged to take information back to their boards for further discussion. Additionally, delegates will provide individual board updates, and the zone will elect a zone vice president and assistant vice president.
<b>Meeting dates and agenda</b>	May 19–21, 2022 The business meeting will begin at 8:30 a.m. (PT) on Friday, May 20 and conclude by noon on Saturday, May 21. A draft business meeting agenda follows on the next page. A full schedule of events will be posted at <a href="http://ncees.org/zones">ncees.org/zones</a> when registration opens.
<b>Registration details</b>	Funded delegates will receive complimentary registration (a \$450 value). Meals include social events on Thursday and Friday evening, Friday’s breakfast and lunch, and Saturday’s breakfast.
<b>Hotel room block rate</b>	\$209/night on Thursday and \$269/night on Friday and Saturday The rate does not include taxes and fees (currently 14 percent tax and \$5 per night tourism fee). The required resort fee, which is currently \$55 per night, is discounted to \$20 for attendees. Guestroom Wi-Fi is included with the resort fee. NCEES will make the hotel reservations for all funded attendees based on information provided during registration and be direct billed for room, taxes, and fees for three nights (May 19–21).
<b>Airport ground transportation</b>	All attendees who are flying to the meeting will use Reno-Tahoe International Airport (RNO). The resort is one hour from the airport, so ground transportation arrangements should be made in advance. NCEES-funded attendees will have a choice of renting a car, which will be direct billed to NCEES, or taking the South Tahoe Airporter, a scheduled bus service. NCEES strongly encourages the use of the bus service or ride sharing. More details will be provided at <a href="http://ncees.org/zones">ncees.org/zones</a> when registration opens.
<b>Hotel parking costs</b>	Self-parking is not available at the hotel. Valet parking, which is currently \$25 per night, has been discounted to \$15 for meeting attendees. This cost will be direct billed to NCEES for funded attendees who drive or rent a car.
<b>NCEES funding summary</b>	The Council will fund the following, as applicable, for the member board administrator and three eligible delegates from each board: meeting registration (including meals listed above), lodging expenses (including taxes, resort fee, and parking fees) for up to three nights (May 19–21), airfare, and ground transportation. NCEES will also pay a one-time reimbursement to cover incidental expenses accordingly: <ul style="list-style-type: none"> <li>• \$100 plus the approved mileage calculation for those who drive</li> <li>• \$225 for those who fly and rent a car*</li> <li>• \$275 for those who fly and take the South Tahoe Airporter or who share a ride from the airport with another delegate</li> </ul> <p>*Rental cars must be reserved as instructed in the invitation for the cost to be direct billed to NCEES. Reimbursement includes funds to refuel the rental car.</p>

## 2022 Western Zone Interim Meeting

Stateline, Nevada

May 19–21

### Schedule of Events

Draft as of 11/30/2021

#### Thursday, May 19

- 11:00 a.m. Golf activity begins (optional, paid in advance)
- 6:00–6:30 p.m. First-time attendee reception
- 6:30–8:00 p.m. Welcome reception

#### Friday, May 20

- 7:00–8:30 a.m. Breakfast
- 8:30–11:45 a.m. Business session 1
  - Call to order
  - Pledge of Allegiance and invocation
  - Welcome
  - Roll call of member boards
  - Introduction of guests and attendees
  - Call for additional agenda items
  - Zone business
    - Approval of minutes from 2021 zone annual meeting
    - Leadership Development Committee report
    - Awards Committee report
    - Nominating Committee report (elections on Saturday)
      - Nominations for zone vice president and assistant vice president
        - Presentation of candidates
        - Additional nominations from the floor
        - Remarks from candidates
  - NCEES officer and CEO reports
  - NCEES committee and task force reports
    - Advisory Committee on Council Activities (ACCA)
    - Committee on Education
    - Committee on Examination Policy and Procedures (EPP)
    - Committee on Examinations for Professional Engineers (EPE)
    - Committee on Examinations for Professional Surveyors (EPS)
    - Committee on Finances
    - Committee on Law Enforcement
    - Committee on Member Board Administrators (MBA)
    - Committee on Uniform Procedures and Legislative Guidelines (UPLG)
    - Engineering Licensure Model Task Force
    - Special Committee on Bylaws

Noon–1:30 p.m.	Luncheon
2:00–5:00 p.m.	Business session 2 <ul style="list-style-type: none"><li>▪ NCEES committee and task force reports (cont.)</li><li>▪ 2022 Western Zone award recipient recognition</li></ul>
6:00–9:00 p.m.	Dinner
<b>Saturday, May 21</b>	
7:30–8:30 a.m.	Breakfast
8:30–10:15 a.m.	Breakout forums <ul style="list-style-type: none"><li>▪ Engineering</li><li>▪ Surveying</li><li>▪ Member board administrators</li></ul>
10:30 a.m.–Noon	Business session 3 <ul style="list-style-type: none"><li>▪ Elections<ul style="list-style-type: none"><li>○ Zone vice president</li><li>○ Zone assistant vice president</li></ul></li><li>▪ Forum reports<ul style="list-style-type: none"><li>○ Engineering</li><li>○ Surveying</li><li>○ Member board administrators</li></ul></li><li>▪ Mobility challenge discussion</li><li>▪ Update on state activities</li><li>▪ New business<ul style="list-style-type: none"><li>○ Consideration of resolutions</li></ul></li><li>▪ Site Selection Committee report</li><li>▪ Invitation to 2023 zone interim meeting (Houston, Texas)</li><li>▪ Resolutions Committee report</li><li>▪ Other items</li><li>▪ Adjournment</li></ul>
Noon	Lunch on your own

## MEMO

**DATE:** November 30, 2021

**TO:** Member Board Administrators

**FROM:** David Cox, Chief Executive Officer

**RE:** Funded Delegate Notification for the NCEES Western Zone Interim Meeting

The 2022 NCEES Western Zone interim meeting will be held May 19–21 in Stateline, Nevada. A meeting summary, which includes funding details and a draft schedule of events, is attached.

In accordance with NCEES policy, the Council will fund the lodging, travel expenses, and registration fee of the member board administrator (MBA) and three delegates from each member board to that board's respective zone interim meeting. For the designated attendees to receive this funding, their respective member boards must be in active status as defined in *Bylaws* 10.012. Delegates must attend the business sessions on Friday, May 20 and Saturday, May 21. Additional requirements are described below.

Notify NCEES of your member board's three funded delegates by completing the online form (using the link below) by **February 9**. Updates may also be submitted using the same link. Delegates will not be allowed to register or book travel until this form is completed. Complete the form even if you do not plan to send delegates to the meeting. There is an opportunity within it to let us know if your state has or anticipates travel restrictions.

When meeting registration opens in late January, NCEES will send an invitation to each funded attendee via email with meeting information and instructions for registering and making travel arrangements.

### **Member board administrator**

NCEES will automatically invite the current eligible board administrator when registration opens in late January, so it is not necessary to provide your name and contact information in the online form. When an MBA represents more than one board, the funding is for the designated MBA only and not for the assistant MBA or other member board staff.

### **Funded delegates**

To qualify to be a funded delegate, the individual must be a current board member or an associate member.

As required by the NCEES *Bylaws*, member board chairs must notify NCEES in writing on board letterhead by February 9 if an associate member is to be designated as the board's sole voting delegate. For boards that require authorization from the state, such designation may come from the agency director for that board.

For questions regarding NCEES-funded delegates, contact Sherrie Dyer at [sdyer@ncees.org](mailto:sdyer@ncees.org).

### **Form**

[Click here](#) to access the funded delegate form. Responses must be received by February 9.

/tm  
Attachment

# Endorsement to Utah: Professional Land Surveyor

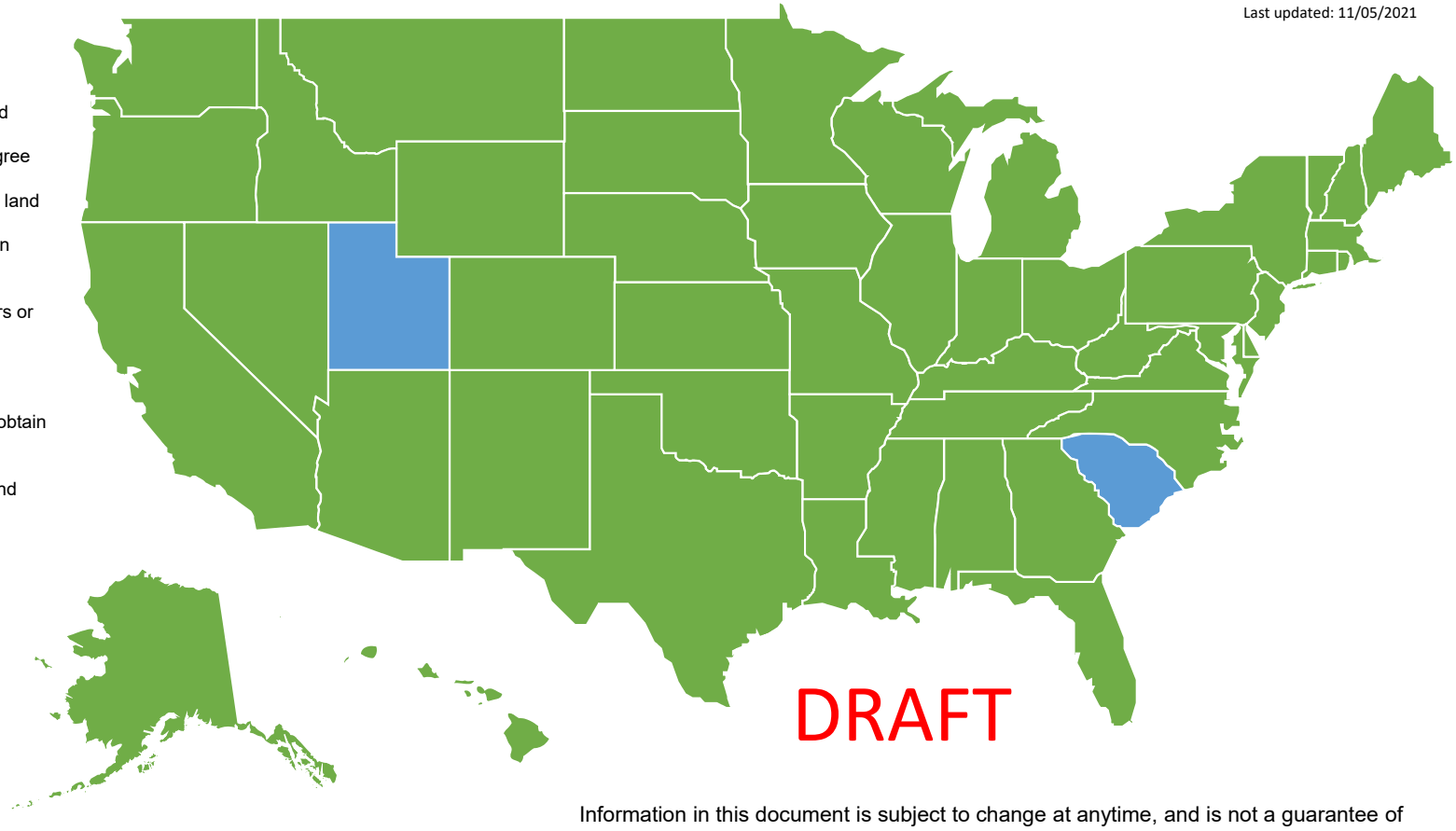
## Utah Statute: 58-22 Qualifications:

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: 11/05/2021



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

**DRAFT**

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	Verification of licensure a (Tier A, Tier B, or both) Land Surveyor – as determined by the Board
American Samoa	Verification of passing the NCEES Fundamentals of Surveying (FS) and Principles and Practice of Surveying (PS) examinations

### 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	Special Notes	Website
Alabama	Professional Land Surveyor	<p><b>PRACTICE OF LAND SURVEYING.</b></p> <p>a. Professional services using 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"> <li>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.</li> <li>Determining by performing geodetic surveys the size and shape of the earth or the position of any point on the earth.</li> <li>Locating, relocating, 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.</li> <li>Making any survey for the division, subdivision, or consolidation of any tract or tracts of land or for condominiums.</li> <li>Locating or laying out alignments, positions, or elevations for the construction of fixed works.</li> <li>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.</li> <li>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.</li> <li>Creating, preparing or modifying electronic or computerized or other data, including land information systems and geographic land information systems relative to the performance of the activities described above.</li> </ol> <p>c. The term may include the performance of engineering surveys.</p> <p>d. The term does not include functions unique to engineering as specified by rules of the board, geographic information systems professionals holding certification from the GIS Certification Institute, or remote sensing professionals holding certifications from the American Society of Photogrammetry and Remote Sensing or other nationally recognized accreditation group as determined by the board.</p> <p>e. Nothing herein shall in any way prohibit mapping, plotting, or locating, or other similar use of GPS, GIS, or other similar data by those not licensed to practice land surveying, provided the work is not used in the conveyance of property.</p>	<p>Graduate of an approved land surveying curriculum plus four years experience. -- A graduate of an approved land surveying curriculum of four years or more, or a graduate of an approved civil engineering curriculum of 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.</p> <p>2. 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.</p> <p>3. 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> <p><b>RULE:</b> The term "graduate of an approved land surveying curriculum" shall mean a graduate of a baccalaureate surveying/geomatics program accredited by EAC/ABET, ETAC/ABET, or Applied Science Accreditation Commission of the Accreditation Board for Engineering and Technology (ASAC/ABET) at the time of graduation or within a two-year period of graduation. This term shall also mean a graduate of a EAC/ABET, ETAC/ABET, or ASAC/ABET accredited surveying/geomatics master's degree program. This term shall also mean a surveying/geomatics baccalaureate program where the school or college has petitioned the Board for approval for this degree and the Board has granted this approval. This term shall also mean a graduate of a baccalaureate civil 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 including a minimum of 15 semester hours or 22.5 quarter hours of surveying courses from a school or college which has been accredited by a regionally accredited commission and is approved by the Board.</p>	FS, PS, and AL Land Surveying Standards, History, and Law Exam		<a href="https://lrs.alabama.gov/">https://lrs.alabama.gov/</a>
Alaska	Professional Land Surveyor	"practice of land surveying" means the teaching of land surveying courses at an institution of higher learning, or any service or other activity which involves the application of special knowledge of the principles of mathematics, the principles of land and applied sciences, and the relevant requirements 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>Education: a minimum of a B.S. degree in an ABET accredited curriculum in land surveying or its equivalent when combined with experience.</p> <p>Work Experience (note, all pathways require that a minimum of 3 yrs. of the required experience be in the capacity of Responsible Charge):</p> <ul style="list-style-type: none"> <li>Graduate of an ABET accredited or board approved curriculum with a B.S. degree in land surveying and a master's or doctorate degree in land surveying: 3 yrs. Experience</li> <li>Graduate of an ABET accredited or board approved land surveying curriculum 4-year course: 4 years Experience</li> <li>Graduate of a board approved land surveying curriculum 4-year course: 4 yrs. Experience</li> <li>Graduate of 4-year degree with board approved courses meeting land surveying education standard under (h) of this section: 6 yrs.</li> </ul> <p>Be actively engaged in education or experience, or both, in the profession for which registration is sought for at least eight years.</p> <p><b>RULE: Education credit.</b></p> <ol style="list-style-type: none"> <li>The Board shall grant credit according to the following: h. Land Surveying applicants with ABET accredited bachelor degree in land surveying: 48 months.</li> <li>Land Surveying applicants with a master's degree in land surveying: 60 months. See R4-30-282 B (pg 19 of <a href="https://apps.asos.gov/public_services/Title_0414-30.pdf">https://apps.asos.gov/public_services/Title_0414-30.pdf</a>) for details.</li> <li>The Board shall not grant credit for less than 85 hours of work experience.</li> <li>One hundred and thirty hours or more of work per month is equal to one month of work experience.</li> <li>Between 85 hours and 129 hours of work per month is equal to one-half month of work experience.</li> <li>The Board shall not grant credit for less than 85 hours of work experience in a month.</li> <li>Experience shall be verified by the employer before the Board grants the credit.</li> </ol>	FS and PS, AKLS		<a href="https://www.commerce.alaska.gov/web/links/7126660001/permits/BoardofLandSurveyors/RegistrationProcessForm.pdf">https://www.commerce.alaska.gov/web/links/7126660001/permits/BoardofLandSurveyors/RegistrationProcessForm.pdf</a>
Arizona	Professional Land Surveyor	"Land surveying practice" means the performance of one or more of the following professional services:	<p>Be actively engaged in education or experience, or both, in the profession for which registration is sought for at least eight years.</p> <p><b>RULE: Education credit.</b></p> <ol style="list-style-type: none"> <li>The Board shall grant credit according to the following: h. Land Surveying applicants with ABET accredited bachelor degree in land surveying: 48 months.</li> <li>Land Surveying applicants with a master's degree in land surveying: 60 months. See R4-30-282 B (pg 19 of <a href="https://apps.asos.gov/public_services/Title_0414-30.pdf">https://apps.asos.gov/public_services/Title_0414-30.pdf</a>) for details.</li> <li>The Board shall not grant credit for less than 85 hours of work experience.</li> <li>One hundred and thirty hours or more of work per month is equal to one month of work experience.</li> <li>Between 85 hours and 129 hours of work per month is equal to one-half month of work experience.</li> <li>The Board shall not grant credit for less than 85 hours of work experience in a month.</li> <li>Experience shall be verified by the employer before the Board grants the credit.</li> </ol>	FS/PS and AZ Land Surveyor Exam		<a href="https://lrs.az.gov/">https://lrs.az.gov/</a>
Arkansas	Professional Surveyor	<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</p> <p>(A) "Land surveying" means a service comprising the:</p> <ol style="list-style-type: none"> <li>Determination of the location of land boundaries and land boundary corners; and</li> <li>Preparation of: <ol style="list-style-type: none"> <li>Plats showing the shape and areas of tracts of land and their subdivision into smaller tracts;</li> <li>Plats showing the location of streets, roads, and rights-of-way of tracts to give access to smaller tracts; and</li> <li>Official plats or maps of land thereof in this state.</li> </ol> </li> </ol> <p>(B) "Land surveying" does not include the measure of acreage of timber, cotton, rice, or other agricultural crops.</p> <p>(C) A person practices or offers to practice land surveying if the person:</p> <ol style="list-style-type: none"> <li>Engages in land surveying for others; or</li> <li>By verbal claim, sign, letterhead, card, telephone listing, or in any other way represents himself or herself: <ol style="list-style-type: none"> <li>To be a professional surveyor; or</li> <li>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: <ol style="list-style-type: none"> <li>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 6731.</li> <li>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.</li> <li>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.</li> <li>Makes any survey for the subdivision or redivision of any tract of land. For the purposes of this subdivision, the term "subdivision" or "redivision" shall be defined to include, but not limited to, the definition in the Subdivision Map Act (Division 2 (commencing with Section 66410) 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).</li> <li>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.</li> <li>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 location and size of fixed objects, geodetic control points, monuments, or stations by California Coordinate System coordinates.</li> <li>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).</li> <li>(b), (c), (d), (e), and (f).</li> <li>Indicates, in any capacity or in any manner, by the use of the title "land surveyor" or by any other title or by any other representation that he or she practices or offers to practice land surveying in any of its branches.</li> <li>Procures or offers to procure land surveying work for himself, herself, or others.</li> <li>Manages, or conducts as manager, proprietor, or agent, any place of business from which land surveying work is solicited, performed or practiced.</li> <li>Coordinates the work of professional, technical, or special consultants in connection with the activities authorized by this chapter.</li> <li>Determines the information shown or to be shown within the description of any deed, trust deed, or other title document prepared for the purpose of describing the limit of real property in connection with any one or more of the functions described in subdivisions (a) to (f), inclusive.</li> <li>Creates, prepares, or modifies electronic or computerized data in the performance of the activities described in</li> </ol> </li> </ol> </li> </ol>	<p>1 of the following provisions:</p> <ol style="list-style-type: none"> <li>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</li> <li>Proof of graduation with an Associate of Science or 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</li> <li>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.</li> </ol>	FS/PS and Arkansas State Specific Exam		<a href="https://www.pels.arkansas.gov/">https://www.pels.arkansas.gov/</a>
California	Professional Land Surveyor	<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"> <li>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 6731.</li> <li>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.</li> <li>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.</li> <li>Makes any survey for the subdivision or redivision of any tract of land. For the purposes of this subdivision, the term "subdivision" or "redivision" shall be defined to include, but not limited to, the definition in the Subdivision Map Act (Division 2 (commencing with Section 66410) 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).</li> <li>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.</li> <li>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 location and size of fixed objects, geodetic control points, monuments, or stations by California Coordinate System coordinates.</li> <li>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).</li> <li>(b), (c), (d), (e), and (f).</li> <li>Indicates, in any capacity or in any manner, by the use of the title "land surveyor" or by any other title or by any other representation that he or she practices or offers to practice land surveying in any of its branches.</li> <li>Procures or offers to procure land surveying work for himself, herself, or others.</li> <li>Manages, or conducts as manager, proprietor, or agent, any place of business from which land surveying work is solicited, performed or practiced.</li> <li>Coordinates the work of professional, technical, or special consultants in connection with the activities authorized by this chapter.</li> <li>Determines the information shown or to be shown within the description of any deed, trust deed, or other title document prepared for the purpose of describing the limit of real property in connection with any one or more of the functions described in subdivisions (a) to (f), inclusive.</li> <li>Creates, prepares, or modifies electronic or computerized data in the performance of the activities described in</li> </ol>	<p>One of the following:</p> <ol style="list-style-type: none"> <li>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 broad based progressive experience in land surveying, including one year of responsible field training and one year of responsible office training satisfactory to the board.</li> <li>Actual broad 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.</li> <li>Licensure as a civil engineer with two years of actual broad based progressive experience in land surveying satisfactory to the board.</li> </ol>	FS and CA Professional Land Surveyor Exam I. 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. CB <a href="https://www.pelstar.ca.gov/applicants/refs/ahmi">https://www.pelstar.ca.gov/applicants/refs/ahmi</a> ). 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.		<a href="https://www.pelstar.ca.gov/">https://www.pelstar.ca.gov/</a>

Colorado	Professional Land Surveyor	<p>(a) "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> <ul style="list-style-type: none"> <li>(I) Restoration and rehabilitation of corners and boundaries in the United States public land survey system;</li> <li>(II) Obtaining and evaluating boundary evidence;</li> <li>(III) Determination of the areas and elevations of land parcels;</li> <li>(IV) Subdivision of land parcels into smaller parcels and layout of alignment and grades for streets or roads to serve the smaller parcels;</li> <li>(V) Measuring and platting underground mine workings;</li> <li>(VI) Preparation of the boundary control portions of geographic information systems and land information systems except as allowed otherwise by section 38-51-109.3;</li> <li>(VII) Establishment, restoration, and rehabilitation of land survey monuments and bench marks;</li> <li>(VIII) Preparation of land survey plats, condominium plats, monument records, and property descriptions that result from the practice of professional land surveying, and survey reports;</li> <li>(IX) Surveying, monumenting, and platting of easements and rights-of-way;</li> <li>(X) Geodetic surveying;</li> <li>(XI) Basic control for engineering projects; and</li> <li>(XII) Any other activities incidental to and necessary for the adequate performance of the services described in this subsection (5)(a).</li> </ul> <p>(b) An individual practices or offers to practice "professional land surveying" within the meaning and intent of this part 3 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>One of the following:</p> <ul style="list-style-type: none"> <li>(I) 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.</li> <li>(II) 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.</li> <li>(III) 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.</li> <li>(IV) Graduate from a non Board-approved 4-year degree (defined in Board Rule 4.7.2.4) that included surveying coursework; and have 8 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.</li> </ul> <p>--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> <p>or</p> <p>Prior to July 1, 2020, Graduate from high school or its equivalent. Have 10 years of progressive land surveying experience of which at least 6 years must have been under the supervision of a PLS or an exempted federal employee. Must be currently enrolled as a Land Surveyor-Intern (LSI).</p>	<p>FS and PLS</p> <p><a href="https://dco.colorado.gov/AESI/Applicants">https://dco.colorado.gov/AESI/Applicants</a></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, building setback, 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 surveying, shall have a specific record of an additional three 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 approximately 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 indicate knowledge, skill and education approximately the equivalent of the completion of an approved course in surveying.</p> <p>(A) The nine years of experience shall consist of the following:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) Minimum of three years as a party chief.</li> </ul> <p>(B) 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>(C) 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> <ul style="list-style-type: none"> <li>1. Four-year degree**** (civil engineering major)= 4 years experience—1 year party chief and 3 years supervisory as defined in (i) above</li> <li>2. Two-year degree (surveying major)= 5 years experience—2 years party chief and 3 years supervisory as defined in (i) above</li> <li>3. Two-year degree (civil technology major)= 6 years experience—3 years party chief (maximum of 1 year as instrument man may be substituted) and 3 years supervisory as defined in (i) above.</li> </ul> <p>(3) Class 7. The applicant shall be a graduate or nongraduate who submits a specific record of sixteen years or more of experience in surveying work, at least ten of which shall have been in land surveying. The applicant shall pass the examination as described in Class 5, but the board may waive the first part of the examination if the experience record is of a character satisfactory to the board. The record shall indicate that the applicant has been competent to be in responsible charge of his work.</p> <p>(A) The sixteen years of experience shall consist of the following:</p> <ul style="list-style-type: none"> <li>(i) A minimum of ten years experience shall be in a responsible, decision-making position normally under the direct supervision of a licensed land surveyor; and</li> <li>(ii) A minimum of five years as a party chief.</li> </ul>	<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 NCEES 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><a href="https://portal.ct.gov/DCPL/Content/Services/Division%20Licenses/Registration/Professional%20Engineers%20and%20Land%20Surveyors%20License">https://portal.ct.gov/DCPL/Content/Services/Division%20Licenses/Registration/Professional%20Engineers%20and%20Land%20Surveyors%20License</a></p>
Delaware	Professional Land Surveyor	<p>"Practice of land surveying" shall mean professional services or work involving special knowledge and application of the principles of mathematics and related 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 beds 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 Surveying (GPS), as related to boundary surveying 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 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>a. Applying for licensure as a surveyor intern has satisfied 1 of the following requirements:</p> <ul style="list-style-type: none"> <li>1. is a college senior or a graduate of a surveying program of 4 years or more; or</li> <li>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</li> <li>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</li> <li>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 obtained Level IV Survey Technician Certification established by the National Society of Professional Surveyors—American Congress on Surveying and Mapping or similar certification acceptable to the Board.</li> </ul> <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 not 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 for a new applicant.</p>	<p>FS/PS and written 2 hour examination on drainage and Delaware law</p> <p><a href="https://sfs.delaware.gov/boards/landsurveyor/">https://sfs.delaware.gov/boards/landsurveyor/</a></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 also 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 chapter 177, the determination of, but not the design of, grades and elevations of roads and land in connection with subdivisions or divisions 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</p>	<p>(a) The applicant has received a bachelor's degree, its equivalent, or higher in surveying and mapping or a similarly titled program, including, but not limited to, geomatics, geomatics engineering, and land surveying, from a college or university recognized by the board and has a specific experience record of 4 or more years as a subordinate to a professional surveyor and mapper in the active practice of surveying and mapping, which experience is of a nature indicating that the applicant was in responsible charge of the accuracy and correctness of the surveying and mapping work performed. Work experience acquired as a part of the education requirement may not be construed as experience in responsible charge.</p> <p>(b) The applicant has received a bachelor's degree, its equivalent, or higher in a course of study, other than in surveying and mapping, at an accredited college or university and has a specific experience record of 6 or more years as a subordinate to a registered surveyor and mapper in the active practice of surveying and mapping, 5 years of which shall be of a nature indicating that the applicant was in responsible charge of the accuracy and correctness of the surveying and mapping work performed. The applicant must have completed a minimum of 25 semester hours from a college or university approved by the board in surveying and mapping subjects or in any combination of courses in civil engineering, surveying, mapping, mathematics, photogrammetry, forestry, or land law and the physical sciences. Any of the required 25 semester hours of study completed not as a part of the bachelor's degree, its equivalent, or higher may be approved at the discretion of the board. Work experience acquired as a part of the education requirement may not be construed as experience in responsible charge.</p>	<p>FS, PS, and Florida Jurisdictional Exam</p> <p><a href="https://www.fscs.gov/business/Services/Surveyors-and-Mappers">https://www.fscs.gov/business/Services/Surveyors-and-Mappers</a></p>



<p><b>Georgia</b></p> <p>Professional Land Surveyor (2018 definition) Professional Land Surveyor (Hydrology &amp; Design Authorized)</p>	<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 no impoundment shall be designed on a live (perennial) stream, provided, further, that such detention ponds:</p> <p>(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;</p> <p>(II) Are no more than six feet in height for a permanent (wet) storage pond; or</p> <p>(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> <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 government which has been delegated approval authority by the Environmental Protection Division of the Department of Natural Resources, provided that the design of any storm-water management plans, facilities, water distribution lines, and sanitary sewer collection systems shall be performed only by such professional land surveyors who are qualified to do so as provided in Code Section 43-15-13.1;</p> <p>(E) Conducting horizontal and vertical control surveys, layout or stake-out of proposed construction, or the preparation of as-built surveys which relate to property, easement, or right of way boundaries;</p> <p>(F) Utilization of measurement devices or systems, such as aerial photogrammetry, geodetic positioning systems, land information systems, or similar technology for evaluation or location of property, easement, or right of way boundaries; or</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 art of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features on the surface and immediate subsurface of the earth, or 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> <p>(1) Evaluating and determining boundary evidence collected through field surveys, boundary studies, or other means;</p> <p>(2) Using the principles of land surveying to:</p> <p>(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;</p> <p>(B) Set, reset, recover, or replace any such monument or reference point; or</p> <p>(C) Perform topographical surveys;</p> <p>(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;</p> <p>(4) Creating or modifying record plats for cadastral surveys including consolidation, subdivision, resubdivision, rights-of-way, easements, determination of areas, mathematical closures, and elevations of land parcels;</p> <p>(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;</p> <p>(6) Rendering a statement or certification regarding the positional accuracy of land surveying maps, record drawings, field surveys, or measured survey data;</p> <p>(7) Creating or modifying the content of electronic data, computerized drawings, or any other survey map relative to the practice of land surveying; or</p> <p>(8) Setting, resetting, or replacing initial survey control points, including benchmarks to provide horizontal and vertical data on or in the vicinity of a construction or engineering project to enable any components of the project to be built in compliance with plans and specifications with respect to the project location, orientation, elevation, and relationship to property lines, easements, or right-of-way boundaries.</p>	<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 surveying 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><a href="https://sca.ga.gov/index.php/licensing/22">https://sca.ga.gov/index.php/licensing/22</a></p>
<p><b>Hawaii</b></p> <p>Land Surveyor</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 art of measuring, locating, establishing, or reestablishing lines, angles, elevations, natural and manmade features on the surface and immediate subsurface of the earth, or 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> <p>(1) Evaluating and determining boundary evidence collected through field surveys, boundary studies, or other means;</p> <p>(2) Using the principles of land surveying to:</p> <p>(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;</p> <p>(B) Set, reset, recover, or replace any such monument or reference point; or</p> <p>(C) Perform topographical surveys;</p> <p>(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;</p> <p>(4) Creating or modifying record plats for cadastral surveys including consolidation, subdivision, resubdivision, rights-of-way, easements, determination of areas, mathematical closures, and elevations of land parcels;</p> <p>(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;</p> <p>(6) Rendering a statement or certification regarding the positional accuracy of land surveying maps, record drawings, field surveys, or measured survey data;</p> <p>(7) Creating or modifying the content of electronic data, computerized drawings, or any other survey map relative to the practice of land surveying; or</p> <p>(8) Setting, resetting, or replacing initial survey control points, including benchmarks to provide horizontal and vertical data on or in the vicinity of a construction or engineering project to enable any components of the project to be built in compliance with plans and specifications with respect to the project location, orientation, elevation, and relationship to property lines, easements, or right-of-way boundaries.</p>	<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 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 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; or</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><a href="http://ca.hawaii.gov/pl/boards/licensing/">http://ca.hawaii.gov/pl/boards/licensing/</a></p>
<p><b>Idaho</b></p> <p>Professional Land Surveyor</p>	<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 geodetic 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 applying 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, interpreting and gathering measurements and information related to any one (1) or more of the following:</p> <ol style="list-style-type: none"> <li>Determining by measurement the configuration or contour of the earth's surface or the position of any fixed objects;</li> <li>Performing geodetic surveys to determine the size and shape of the earth or the position of any point on the earth;</li> <li>Locating, relocating, establishing, reestablishing or retracing property lines or boundaries of any tract of land, road, right-of-way, easement or real property lease;</li> <li>Making any survey for a division or subdivision or a consolidation of any tracts of land;</li> <li>Locating or laying out of alignments, positions or elevations in the field for the construction of fixed works;</li> <li>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;</li> <li>Certifying elevation information;</li> <li>Preparing narrative land descriptions; or</li> <li>Creating, preparing or modifying electronic or other data necessary for the performance of activities in subparagraphs 1. through 8. of this paragraph.</li> </ol> <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>(ii) Construction survey work that is unrelated to establishing vertical and horizontal project control; or</p> <p>(iii) Construction staking of fixed works or the development and use of electronic models for machine-controlled construction that by design are unrelated to determining boundaries described in paragraph (a)(i)(3) of this subsection.</p> <p>Any person shall be construed to practice or offer to practice professional land surveying who engages in professional land surveying, or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way, represents himself to be a</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 (d)(1)-(c) (see pg 8 <a href="https://idrules.idaho.gov/rules/comment/24243201.pdf">https://idrules.idaho.gov/rules/comment/24243201.pdf</a>), 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>	<p>FS, PS, and ID Land Surveying exam, and an ID written ethics questionnaire</p>	<p><a href="https://pels.idaho.gov/">https://pels.idaho.gov/</a></p>
<p><b>Illinois</b></p> <p>Professional Land Surveyor</p>	<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> <p>(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;</p> <p>(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 Practices;</p> <p>(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;</p> <p>(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;</p> <p>(e) Any act or combination of acts that would be viewed as offering professional land surveying services including:</p> <p>(1) setting monuments which have the appearance of or for the express purpose of marking land boundaries, either directly or as an accessory;</p> <p>(2) providing any sketch, map, plat, report, monument record, or other document which indicates land boundaries and monuments, or accessory monuments thereto, except that if the sketch, map, plat, report, monument record, or other document is a copy of an original prepared by a professional land surveyor, and if proper reference to that fact be made on that document;</p> <p>(3) performing topographic surveys, with the exception of a licensed professional engineer knowledgeable in topographical surveys who performs a topographical survey specific to his or her design project; A licensed professional engineer may not, however, offer topographic surveying services that are independent of his or her specific design project;</p> <p>(4) locating, relocating, establishing, reestablishing, retracing, laying out, or staking of the location, alignment, or elevation of any existing or proposed improvements whose location is dependent upon property, easement, and right of way boundaries;</p>	<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; or</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 and the related science courses, who has passed an examination in the fundamentals of surveying, as defined by rule.</p>	<p>FS, PS, and IL Jurisdictional Exam</p>	<p><a href="https://www.sfor.com/prof/landSurvey.asp">https://www.sfor.com/prof/landSurvey.asp</a></p>

<p><b>Indiana</b></p>	<p>Professional Surveyor</p>	<p>(a) "Practice of surveying" means providing, or offering to provide, professional services involving:  (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 subdivision (1) into survey products, including graphics, digital data, maps, plans, reports, and descriptions and projects.  (b) Professional services provided under the practice of surveying include consultation, investigation, testimony evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any of the following:  (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.  (8) Determining the amount of acreage contained in any parcel of land, except when determined by an attorney who is licensed to practice law in Indiana.  (9) Performing construction staking or layout of the control for any elements of an engineering, building, or construction project, if the position of an element is:  (A) dependent on;  (B) in specific relation to; or  (C) in close proximity to a boundary, property line, or corner, including easements and rights-of-way.  (10) For and within subdivisions being designed by a professional surveyor, the preparation and furnishing of plats, plans, and profiles for roads, storm drainage, sanitary sewer extensions, and the location of residences or dwellings where the work involves the use and application of standards prescribed by local, state, or federal authorities.  (11) All work incidental to clearing, cutting, reconstructing, or maintaining existing open and tile drains.  (12) Creating, preparing, or modifying electronic or computerized data relative to the performance of the activities described in this subsection.</p>	<p>To qualify for registration as a professional surveyor, an applicant must meet the following conditions under either subdivision (1) or (2):  (1) All of the following:  (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:  (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.  Sec. 5. (a) In considering the qualifications of applicants, responsible charge of surveying teaching shall be construed as responsible charge of surveying work.  (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.  (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.  (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>	<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</p>	<p><a href="https://www.in.gov/psa/surveyor.htm">https://www.in.gov/psa/surveyor.htm</a></p>
<p><b>Iowa</b></p>	<p>Professional Land Surveyor</p>	<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, and the utilization, development, and interpretation of these facts into an orderly survey, plat, or map. The practices of land surveying includes but is not limited to the following:  (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 314.6.  (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.  (b) 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).  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.  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:  (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.  (3) Uses any title which implies that the person is a land surveyor or that the person is licensed under this chapter.</p>	<p>b. As a professional land surveyor:  (1) (a) 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. 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.  a. 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": <a href="https://www.legis.iowa.gov/doc/ics/cic/cap/psr/05-26-2020.183C.5.pdf">https://www.legis.iowa.gov/doc/ics/cic/cap/psr/05-26-2020.183C.5.pdf</a>  (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.  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>	<p>FS, PS, and Iowa State Specific Land Surveying Examination</p>	<p><a href="https://pub.iowa.gov/board/engineers-land-surveyors">https://pub.iowa.gov/board/engineers-land-surveyors</a></p>
<p><b>Kansas</b></p>	<p>Professional Surveyor</p>	<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.  Professional surveying services also include planning, mapping, assembling and interpreting gathered measurements and information related to any one or more of the following:  (A) Determining by measurement the configuration or contour of the earth's surface or the position of 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, 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 represent 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 architectural works; and  (H) creating, preparing or modifying electronic, computerized or other data relative to performance of the activities set forth in subparagraphs (A) through (G).  (2) The term "professional surveying" or "practice of professional surveying" shall not include those services specifically identified in the definition of "architecture," "landscape architecture," "professional engineering" and "professional geology" except for those services which are included in the term "common technical services," as defined in subsection (g) -- (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:  (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;  (4) observation of construction for general conformance with requirements of approved construction documents or technical</p>	<p>K.A.R. 66-9-5 (a) Graduation from an approved engineering curriculum (see engineering tab);  (b) graduation from a four-year surveying baccalaureate curriculum accredited by the accreditation board for engineering and technology (ABET);  (c) graduation from an approved surveying curriculum of two years from a school or college approved by the board;  (d) graduation from an approved four-year related science curriculum, which may include geology, mathematics, chemistry, or physics; or  (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(e) 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 surveying or basic surveying.  66-10-10b. Surveying experience required of a graduate in a four-year related science curriculum other than land surveying or engineering. Each graduate of a four-year curriculum considered by the board to be related to land surveying, which may include geology, mathematics, chemistry, or physics, shall provide a verified record of six years of surveying experience. At least four years of this experience shall have been in progressive land surveying.</p>	<p>FS, PS, and KS State Specific PS Exam</p>	<p><a href="https://www.kasbo.ks.gov/professionalsurveyors">https://www.kasbo.ks.gov/professionalsurveyors</a></p>

<p><b>Kentucky</b></p>	<p>Professional Land Surveyor</p>	<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"> <li>1. 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: <ul style="list-style-type: none"> <li>a. Determination or establishment of the facts of size, shape, topography, and acreage;</li> <li>b. Establishment of photogrammetric and geodesic control that is published and used for the determination, monumentation, or description of property boundaries;</li> <li>c. Subdivision, division, and consolidation of lands;</li> <li>d. 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;</li> <li>e. Layout of proposed improvements, if those improvements are to be referenced to property boundaries;</li> <li>f. Preparation of subdivision record plats;</li> <li>g. Determination of existing grades and elevations of roads and land;</li> <li>h. Creation and perpetuation of alignments related to maps, record plats, field note records, reports, property descriptions, and plans and drawings that represent them; and</li> <li>i. Certification of documents;</li> </ul> </li> <li>2. 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: <ul style="list-style-type: none"> <li>a. Are residents of this state;</li> <li>b. Have their principal office or place of business in this state; or</li> <li>c. Are in responsible charge of the land surveying services or work performed; and</li> </ul> </li> <li>3. The preparation of survey descriptions for use in legal instruments affecting real property or property rights. "Land surveying" does not include the preparation of a physical description that identifies and describes the tract, parcel, or lot by reference to the tract, parcel, lot, block, or unit number of any subdivision, or other summary identifier appearing on a properly recorded plat of record, or by reference to a deed of record.</li> </ol> <p>(b) "Land surveying" shall not include:</p> <ol style="list-style-type: none"> <li>1. The measurement of crops or agricultural land area under any agricultural program sponsored by an agency of the federal government or the state of Kentucky.</li> </ol>	<p>(1) A person shall qualify for licensure as a professional land surveyor if he or she has:</p> <p>(a) 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);</p> <p>(b) Passed the Principles and Practice of Land Surveying Examination; and</p> <p>(c) Met one (1) of the following requirements set out in this paragraph:</p> <ol style="list-style-type: none"> <li>1. 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 shall be of a grade and character to indicate to 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;</li> <li>2. 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;</li> </ol> <p>a. 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</p> <p>b. Applicants shall be eligible to take the Fundamentals of Land Surveying Examination upon completion of the core curriculum in land surveying or during the final year in the program if twelve (12) hours or more of the core curriculum in land surveying have been completed; or</p> <ol style="list-style-type: none"> <li>3. Graduation from a civil, mining, or agricultural engineering program of four (4) years or more accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.</li> </ol>	<p>FS, PS, and LA Laws and Rules, Professionalism and Ethics, and Standards of Practice Quiz</p>	<p><a href="https://byboes.ky.gov/Pages/default.aspx">https://byboes.ky.gov/Pages/default.aspx</a></p>
<p><b>Louisiana</b></p>	<p>Professional Land Surveyor</p>	<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 mapping and topographical work.</p> <p>(b) A person shall be constituted to practice or offer to practice land surveying who engages in land surveying and who 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>(a) 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.</p> <p>(b) An individual certified by the board as a land surveyor in training or a land surveyor intern on or before January 1, 1995.</p> <p>(4) A professional land surveyor shall be either:</p> <p>(a) A land surveyor intern 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.</p> <p>(b) 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, 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>	<p>FS, PS, and LA Specific Exam</p>	<p><a href="https://www.lisels.com">https://www.lisels.com</a></p>
<p><b>Maine</b></p>	<p>Professional Land Surveyors</p>	<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 and 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.</p>	<p>1. Meet one of the following qualifications:</p> <p>A. Hold a bachelor's degree or higher from a program that includes a minimum surveying core curriculum approved by the board;</p> <p>B. 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;</p> <p>C. Successfully complete a minimum surveying core curriculum approved by the board and demonstrate 6 years of surveying experience acceptable to the board; or</p> <p>D. Demonstrate 7 years of surveying experience acceptable to the board.</p> <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 11222, 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 ME Specific Exam</p>	<p><a href="https://www.maine.gov/dli/professionals/land-surveyors/surveyors/index.html">https://www.maine.gov/dli/professionals/land-surveyors/surveyors/index.html</a></p>
<p><b>Maryland</b></p>	<p>Professional Land Surveyor</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> <p>(i) 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;</p> <p>(ii) the platting or replating, establishing or reestablishing, locating or relocating, or setting or resetting the monumentation for boundaries of real property, easements, or rights-of-way;</p> <p>(iii) platting, layout, and preparation of surveys, plats, plans, and drawings, including:</p> <ol style="list-style-type: none"> <li>1. site plans;</li> <li>2. subdivision plans;</li> <li>3. subdivision plats;</li> <li>4. condominium plats;</li> <li>5. right-of-way and easement plats; and</li> <li>6. other recordable plats;</li> </ol> <p>(iv) conducting horizontal and vertical control surveys, layout or stake-out of proposed construction, and the preparation and platting of as-constructed surveys;</p> <p>(v) 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</p> <p>(vi) 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:</p> <ol style="list-style-type: none"> <li>1. road and street grades;</li> <li>2. sediment and erosion control measures;</li> <li>3. nonpressurized closed storm drainage and stormwater management systems; and</li> <li>4. open conduit storm drainage and stormwater management systems.</li> </ol> <p>(2) "Practice land surveying" does not include the design, preparation, or specifications for:</p> <ol style="list-style-type: none"> <li>(i) community water or wastewater treatment collection or distribution systems;</li> <li>(ii) community pumping or lift stations; or</li> <li>(iii) geotechnical or structural design components of sediment control or stormwater management ponds or basins.</li> </ol>	<p>(b) An applicant qualifies under this section if the applicant:</p> <p>(1) has graduated on completion of at least 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;</p> <p>(2) 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</p> <p>(3) has passed the following examinations:</p> <p>(i) fundamentals of surveying;</p> <p>(ii) the principles and practice of surveying; and</p> <p>(iii) 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> <p>(c) (1) An applicant qualifies under this section if the applicant:</p> <p>(i) 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;</p> <p>(ii) has a minimum of 30 credit hours of land surveying-related courses that the Board approves;</p> <p>(iii) 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</p> <p>(iv) has passed the following examinations:</p> <p>1. fundamentals of surveying;</p> <p>2. the principles and practice of surveying; and</p> <p>3. 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> <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)(ii) of this subsection for a maximum of 3 years.</p> <p>(d) (1) An applicant qualifies under this section if the applicant:</p> <p>(i) has graduated on completion of at least a 4-year curriculum 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;</p> <p>(ii) has a minimum of 30 credit hours of land surveying-related courses that the Board approves;</p> <p>(iii) 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</p> <p>(iv) has passed the following examinations:</p> <p>1. fundamentals of surveying;</p>	<p>FS, PS, and MD Specific Exam</p>	<p><a href="https://www.dli.state.md.us/licensing/">https://www.dli.state.md.us/licensing/</a></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 to the fact of measuring and locating lines, angles, elevations, natural and manmade 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 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 plotting, and layout of lots 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 to be 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>See the table beginning on pg 6 for requirements <a href="https://www.mass.gov/doc/250-cmr-3-the-registration-process/download">https://www.mass.gov/doc/250-cmr-3-the-registration-process/download</a> (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 land 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>(e) Undergraduate study in a surveying curriculum approved by the board as being of satisfactory standing may be considered as surveying experience on an equivalent full-time basis up to a maximum of two years in computing the number of years of experience in surveying work in clauses (b) and (c) of this subsection.</p> <p>(f) A person, with a record of at least twenty years of lawful practice in land surveying work, of which at least ten years he has been responsible for major land surveying work, of a grade and character which indicates to the board that the person may be competent to</p>	FS, PS, MA JP Exam	<a href="https://www.mass.gov/orgs/board-of-registration-of-professional-engineers-and-land-surveyors">https://www.mass.gov/orgs/board-of-registration-of-professional-engineers-and-land-surveyors</a>
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> <p>(i) Land surveying that is the surveying of an area for its correct delineation or description for its conveyance, 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.</p> <p>(ii) 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.</p> <p>(iii) Utilizing and managing land information systems through establishment of datums and local coordinate systems and points of reference.</p> <p>(iv) Engineering and architectural surveying for design and construction layout of infrastructure.</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> <p>(i) The Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (EAC/ABET).</p> <p>(ii) The Engineering Technology Accreditation Commission of ABET (ETAC/ABET).</p> <p>(iii) The Applied and Natural Science Accreditation Commission of ABET (ANSAC/ABET).</p> <p>(c) 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.</p> <p>(c) 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</p>	FS, PS, and MI Principles and Practice Exam	<a href="https://www.michigan.gov/lara/0,4601,7,134,9534_72600_72602_72731_72872_00.html">https://www.michigan.gov/lara/0,4601,7,134,9534_72600_72602_72731_72872_00.html</a>
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> <p>(1) determining, monumenting, establishing, or reestablishing property boundaries;</p> <p>(2) determining, monumenting, or reestablishing the position for any public land survey system corner or line;</p> <p>(3) planning, designing, and plotting of land and subdivisions including the topography, alignment and grades of streets; and</p> <p>(4) preparing and perpetuating maps, record plats, and property descriptions.</p> <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 or lines.</p>	<p>Admission to the Fundamentals of Surveying (FS) examination. To qualify for admission to the FS examination, applicants shall present satisfactory evidence of one of the following:</p> <p>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</p> <p>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> <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> <p>A. Graduates of a four-year land surveying curriculum must present evidence of:</p> <p>(1) graduation from a four-year land surveying curriculum;</p> <p>(2) passage of the Fundamentals of Surveying (FS) examination; and</p> <p>(3) completion of a minimum of the following qualifying land surveying experience:</p> <p>(a) a minimum of 160 hours of office experience in plat computations;</p> <p>(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;</p> <p>(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;</p> <p>(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</p> <p>(e) a minimum of 400 hours of drafting experience in one or a combination of the following: boundary survey, topographic survey, and plats.</p> <p>B. Graduates of a bachelor's curriculum must present evidence of:</p> <p>(1) graduation from a bachelor's curriculum with a minimum of 22 semester credits or 32 quarter credits in land surveying as specified in subpart 4;</p> <p>(2) passage of the Fundamentals of Surveying (FS) examination; and</p> <p>(3) completion of a minimum of the following qualifying land surveying experience:</p> <p>(a) a minimum of 160 hours of office experience in plat computations;</p> <p>(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 4,900 hours or more;</p> <p>(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;</p>	FS, PS, and MN Professional Practice Exam	<a href="http://www.mn.gov/eelsagcl/">http://www.mn.gov/eelsagcl/</a>
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, improvements on 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.</p> <p>The practice of surveying includes, but is not limited to, any one or more of the following:</p> <p>(a) Locating, relocating, establishing, reestablishing, laying out or retracing any property boundary or easement.</p> <p>(b) Making any survey for the subdivision of any tract of land, including rights-of-way and easements.</p> <p>(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.</p> <p>(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>	<p>(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 and a specific record of four (4) years of qualifying surveying experience; or</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(v) A high school diploma, or its equivalent, and a specific record of twelve (12) years or more of qualifying surveying experience; and</p> <p>(b) (i) successfully passing examinations in surveying prescribed by the board.</p> <p>(2) The following shall be considered as minimum evidence satisfactory to the board that the applicant is qualified for enrollment as a surveyor intern:</p> <p>(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</p> <p>(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</p> <p>(iii) A bachelor's degree in a related science curriculum defined by board rule; or</p> <p>(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; or</p> <p>(v) A high school diploma, or its equivalent, and a specific record of eight (8) years or more of qualifying surveying experience;</p> <p>b. Education Based: In accordance with Mississippi law and the Board regulations, an applicant must have met one (1) of the education and associated qualifying experience options in Section 73-13-77(1)(a)(i), (ii), (iii), or (iv) of the Law, obtained the required amount of qualifying surveying experience as verified by Professional Surveyor supervisor references, passed the Fundamentals of Surveying examination, passed the Principles &amp; Practice of Surveying examination, and passed the Mississippi Section examination in order to be licensed as a Professional Surveyor.</p> <p>b. Experience Based: In accordance with Mississippi law and the Board regulations, an applicant must have obtained twelve (12) full years of qualifying surveying experience verified by Professional Surveyor supervisor references, passed the Fundamentals of</p>	FS, PS, and MS Section	<a href="https://www.pests.ms.gov/">https://www.pests.ms.gov/</a>

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 is or holds himself or herself out to be a professional land surveyor 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"> <li>(1) The determination, location, relocation, establishment, reestablishment, layout, or retracing of land boundaries and positions of the United States Public Land Survey System;</li> <li>(2) The monumentation of land boundaries, land boundary corners and corners of the United States Public Land Survey System;</li> <li>(3) The subdivision of land into smaller tracts and preparation of property descriptions;</li> <li>(4) The survey and location of rights-of-way and easements;</li> <li>(5) Creating, preparing, or modifying electronic or computerized data relative to the performance of the activities in subdivisions (1) to (4) of this subsection;</li> <li>(6) Consultation, investigation, design surveys, evaluation, planning, design and execution of surveys;</li> <li>(7) The preparation of any drawings showing the shape, location, dimensions or area of tracts of land;</li> <li>(8) Monumentation of geodetic control and the determination of their horizontal and vertical positions;</li> <li>(9) Establishment of state plane coordinates;</li> <li>(10) Topographic surveys and the determination of the horizontal and vertical location of any physical features on, under or above the land;</li> <li>(11) The preparation of plats, maps or other drawings showing elevations and the locations of improvements and the measurement and preparation of drawings showing existing improvements after construction;</li> <li>(12) Layout of proposed improvements;</li> <li>(13) The determination of azimuths by astronomic observations.</li> </ol> <p>2. None of the specific duties listed in subdivisions (4) to (13) of subsection 1 of this section are exclusive to professional land surveyors unless they affect real property rights. For the purposes of this section, the term "real property rights" means a recordable interest in real estate as it affects the location of land boundary lines. The validity of any document prepared between August 27, 2014, and August 26, 2015, by a provider of utility or communications services purporting to affect real property rights shall remain valid and enforceable notwithstanding that any legal description contained therein was not prepared by a professional land surveyor.</p>	<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 (GED), and either:</p> <ol style="list-style-type: none"> <li>(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</li> <li>(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 sufficient evidence satisfactory to the board that in addition thereto such person has at least one year of combined professional office and field experience in land surveying projects under the immediate personal supervision of a professional land surveyor; or</li> <li>(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 boundary surveying and in addition thereto has at least two years of combined professional office and field experience in land surveying projects under the immediate 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.</li> </ol> <p>2. Enrolled as a land surveyor-in-training for a period of four years from the date of enrollment as a LSIT</p>	FS, PS, MO Specific Exam	<a href="https://www.mocour.gov/psella.asp">https://www.mocour.gov/psella.asp</a>
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"> <li>(a) the principles of property boundary law to the recovery and preservation of evidence pertaining to earlier land surveys;</li> <li>(b) teaching of land surveying subjects;</li> <li>(c) measurement and allocation of lines, angles, elevations, and coordinate systems;</li> <li>(d) location of natural and constructed features in the air, on the surface of the earth, within underground workings, and on the beds of bodies of water, including work for the determination of areas and volumes;</li> <li>(e) monumenting of property boundaries;</li> <li>(f) platting and layout of lands and the subdivisions of land, including the alignment and grades of streets and roads in subdivisions;</li> <li>(g) preparation and perpetuation of maps, plats, field note records, and property descriptions; and</li> <li>(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.</li> </ol>	<p>One of the following:</p> <ol style="list-style-type: none"> <li>(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;</li> <li>(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;</li> <li>(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</li> <li>(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.</li> </ol> <p>(3) "Board-approved curricula" means:</p> <ol style="list-style-type: none"> <li>(i) at least six credits in English, seven credits in math, six credits in drafting, nine credits in basic science, five credits in humanities and social sciences or approved associate of applied science degree benchmarks; and</li> <li>(ii) 37 credits in geomatics, mathematics, and 18 credits in geomatics and practice of land surveying courses taught by a licensed LAND SURVEYING ELIGIBILITY FOR REGISTRATION REQUIREMENTS.</li> </ol> <p>He or she (i) has not less than six years of surveying experience of which five years must be as defined in subdivision (4) of section 81-09 (3)(b); and three of such five years must have been in a responsible position as a subordinate to a licensed land surveyor; or (ii) 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. 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>	FS, PS, and MT State Specific	<a href="http://boards.land.dl.mt.gov/">http://boards.land.dl.mt.gov/</a>
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, but not limited to, any of the following purposes:</p> <p>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.</p> <p>To furnish a legal description of any tract being surveyed to be used in the platting or subdividing of the land.</p> <p>To determine the amount of acreage contained in any land surveyed, or</p> <p>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 area, size, shape, topography, and orientation of improved or unimproved real property and appurtenances to the real</p>	<p>He or she (i) has not less than six years of surveying experience of which five years must be as defined in subdivision (4) of section 81-09 (3)(b); and three of such five years must have been in a responsible position as a subordinate to a licensed land surveyor; or (ii) 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. 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>	FS and PS	<a href="https://nlsbels.nebraska.gov/">https://nlsbels.nebraska.gov/</a>
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"> <li>(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.</li> <li>(b) Makes any survey for the subdivision or redivision of any tract of land.</li> <li>(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.</li> <li>(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.</li> <li>(e) Geodetic or cadastral surveying.</li> <li>(f) Municipal and topographic surveying.</li> <li>(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.</li> <li>(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.</li> <li>(i) Procures or offers to procure land-surveying work for others or for himself or herself.</li> <li>(j) Manages or conducts as manager, proprietor or agent any place from which land-surveying work is solicited, performed or practiced.</li> </ol> <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>Education</p> <p>Must have one of the following:</p> <p>Graduate of a four (4) year land surveying curriculum or a board approved equivalent. Please email board@boe.state.nv.us for questions related to equivalent education.</p> <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 include one or more of the following:</p> <p>Records of Survey, Legal Descriptions, Record Searches, Public Surveying, Boundary Surveying, Construction Staking, Restoration of Monuments, and/or Established True Bearings from Astronomical Observations, State Coordinate Systems Monuments or USG &amp; 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>	FS and PS, NV Principals and Practices	<a href="https://nvpsls.org/">https://nvpsls.org/</a>
New Hampshire	Land Surveyor	<p>I. 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</p>	<p>I. As minimum evidence satisfactory to the board that a person is qualified for licensure as 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. It. A year of accumulated experience for the purpose of paragraph I shall include, but not be limited to:</p> <ol style="list-style-type: none"> <li>(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, as 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 4 years of accumulated experience;</li> <li>(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</li> <li>(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 completing 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.</li> </ol>	FS, PS, and NH Legal Aspects Exam	<a href="https://www.gds.nh.gov/land-surveyors/index.htm">https://www.gds.nh.gov/land-surveyors/index.htm</a>
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 for adequate evidence to the act of measuring and locating lines, angles, elevations, natural and man-made topographical 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, 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. 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 make a land survey.</p>	<p>(i) Effective January 1, 1991, graduation from a board approved curriculum in surveying of four years or more, 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 land surveying 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>	FS and PS	<a href="https://www.pcosmanetaffairs.gov/psls">https://www.pcosmanetaffairs.gov/psls</a>

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> <ol style="list-style-type: none"> <li>(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;</li> <li>(2) the monumenting of property boundaries and for the platting and layout of lands and subdivisions;</li> <li>(3) the application of photogrammetric methods used to derive topographic and other data;</li> <li>(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;</li> <li>(5) the preparation and preparation of maps, records, plats, field notes, assessments and property descriptions; and</li> <li>(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 of 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;</li> </ol>	<p>has at least four years of board-approved surveying experience if 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> <ol style="list-style-type: none"> <li>(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;</li> <li>(2) curriculum not accredited by ABET but with a minimum number of surveying credits required for accreditation by ABET; "Board-approved related science degree" is defined as:</li> </ol> <ol style="list-style-type: none"> <li>(a) 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.</li> <li>(2) Core surveying classes shall include a minimum of a three hour semester course in each of the following areas: <ol style="list-style-type: none"> <li>(a) boundary law/legal principles of land surveying;</li> <li>(b) public land surveying system (PLSS);</li> <li>(c) plane surveying;</li> <li>(d) geodesy or photogrammetry;</li> <li>(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.</li> <li>(4) 12 hours of higher mathematics may include college algebra, trigonometry, analytical geometry, differential and integral calculus.</li> </ol> </li> </ol> <p>FS and PS</p>	<p><a href="http://www.sboes.state.nm.us/">http://www.sboes.state.nm.us/</a></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 plotting 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 for 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> <p>Approved Accredited/Registered Programs Approved accredited/registered programs are master's, baccalaureate and associate degree programs in surveying, surveying engineering, surveying engineering technology, or a similar surveying-related title accredited by the Accreditation Board for Engineering and Technology (ABET). For such ABET accredited programs, you would receive four</p> <p>FS, PS, and NY State Specific Exam</p>	<p><a href="http://www.op.nysed.gov/profpfld/">http://www.op.nysed.gov/profpfld/</a></p>
North Carolina	Professional Surveyors	<p>Practice of land surveying -</p> <ol style="list-style-type: none"> <li>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 any of these methods, and the utilization and development of these facts and interpretations into an orderly survey map, plan, report, description, or project. The practice of land surveying includes the following: <ol style="list-style-type: none"> <li>1. Locating, relocating, establishing, laying out, or retracing any property line, easement, or boundary of any tract of land;</li> <li>2. Locating, relocating, establishing, or laying out the alignment or elevation of any of the fixed works embraced within the practice of professional engineering;</li> <li>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;</li> <li>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;</li> <li>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;</li> <li>6. Providing geodesic 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 specially oriented spherical geometry; and</li> <li>7. Creating, preparing, or modifying electronic or computerized data, including land information systems and geographic information systems relative to the performance of the practice of land surveying.</li> </ol> </li> <li>b. The term "practice of land surveying" shall not be construed to permit the design or preparation of specifications for (i) major highways; (ii) wastewater or industrial waste treatment works; (iii) pumping or lift stations; (iv) water supply, treatment, or distribution systems; (v) streets or storm sewer systems except as incidental to a subdivision.</li> </ol>	<p>Must meet one of the following requirements:</p> <ol style="list-style-type: none"> <li>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.</li> <li>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). An applicant who passes both examinations and successfully completes the educational and experience requirements of this subdivision shall be granted licensure as a professional land surveyor.</li> <li>c. Required by Session Laws 1998-118, s. 11.</li> <li>d. Graduation from a high school or the completion of a high school equivalency certificate and a record satisfactory to the Board of seven years of progressive practical experience, six 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, 16 years of progressive practical experience, nine years of which shall have been under a practicing professional land surveyor, and satisfactorily passing any oral and written examinations required by the Board, all of which shall determine and indicate that the candidate is competent to practice land surveying. If the applicant has not successfully passed the first examination on or before January 1, 2013, the applicant may be qualified by the Board to take the first examination upon graduation from high school or the completion of a high school equivalency certificate and successfully completing 10 years of progressive practice experience, six of which shall have been under a practicing licensed land surveyor.</li> </ol> <p>FS and PS w/Part two specific to NC</p>	<p><a href="https://www.rcbds.org/">https://www.rcbds.org/</a></p>
North Dakota	Professional Land Surveyors	<p>"Practice of land surveying;"</p> <ol style="list-style-type: none"> <li>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 relative to any one or more of the following: <ol style="list-style-type: none"> <li>(1) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects on the earth's surface;</li> <li>(2) Determining by performing geodesic land surveys the size and shape of the earth or the position of any point on the earth;</li> <li>(3) Locating, relocating, establishing, re-establishing, or retracing property lines or boundaries of any tract of land, road, right of way, or easement;</li> <li>(4) Making any land survey for the division, subdivision, or consolidation of any tract of land;</li> <li>(5) Locating or laying out alignments, positions, or elevations for the construction of fixed works;</li> <li>(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</li> <li>(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.</li> </ol> </li> <li>b. Includes: <ol style="list-style-type: none"> <li>(1) Engaging in land surveying;</li> <li>(2) By verbal claim, sign, advertisement, letterhead, card, or any other way representing to a person to be a professional land surveyor;</li> <li>(3) Through the use of some other title implying to be a professional land surveyor or that the person is licensed or authorized under this chapter; and</li> <li>(4) Holding out as able to perform or performing any land surveying service or work or any other service designated by the</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Has a baccalaureate degree in land surveying from an institution that offers board approved accredited programs;</li> <li>2. Has a baccalaureate degree in a board-approved program other than land surveying and: <ol style="list-style-type: none"> <li>a. Has board-approved educational training in land surveying in connection with the baccalaureate degree or other program; and</li> <li>b. Has at least two years of qualifying land surveying experience of a character satisfactory to the board;</li> </ol> </li> <li>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</li> <li>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.</li> </ol> <p>FS and PS</p>	<p><a href="https://nd.sdsboard.org/">https://nd.sdsboard.org/</a></p>
Ohio	Professional Surveyors	<p>Practice of surveying" means any professional service that requires the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for the adequate performance of the act of surveying, including, but not limited to, measuring the area or the contours of any portion of the earth's surface, the lengths and directions of the bounding lines, and the contour of the surface, for their correct determination and description and for conveying for recording, or for the establishment or re-establishment of land boundaries and the platting of lands and subdivisions; and like measurements and operations involved in the surveying of mines, commonly known as "mine surveying."</p>	<p>One of the following:</p> <ol style="list-style-type: none"> <li>(1)(A) Graduation from an approved curriculum in surveying of four years or more;</li> <li>(B) A specific record of four years or more of surveying office and field experience completed in addition to, and not overlapping in time, any school work completed under division (B)(1)(a) of this section that is of a character acceptable to the board, at least two years of which shall be after college graduation, with at least two of the four years of work in the surveying of land boundaries under the direct supervision of a professional surveyor, who may indicate in writing that the applicant is competent to be placed in responsible charge of the work;</li> </ol> <p>OR</p> <ol style="list-style-type: none"> <li>(2)(a) Graduation from an accredited curriculum in civil engineering of four years or more in a recognized school or college;</li> <li>(b) Successful completion of at least sixteen semester hours, or equivalent quarter or trimester hours, of approved surveying courses in surveying and mapping arts and sciences, except that courses successfully completed as prior studies may be credited by the board toward this requirement, of which at least six semester hours, or equivalent quarter or trimester hours, are in surveying of land boundaries;</li> <li>(c) A specific record of four years or more of surveying office and field experience completed in addition to, and not overlapping in time, any school work completed under division (B)(2)(a) of this section that is of a character acceptable to the board, at least two years of which shall be after college graduation, with at least two of the four years of work in surveying of land boundaries under the direct supervision of a professional surveyor, who may indicate in writing that the applicant is competent to be placed in responsible charge of</li> </ol> <p>FS, and PS and OHPS</p>	<p><a href="https://www.pers.ohio.gov/BoardInfo/mailton.aspx">https://www.pers.ohio.gov/BoardInfo/mailton.aspx</a></p>



Oklahoma	Land Surveyor	<p>"Practice of land surveying" means any authoritative service or work performed to a stated accuracy, the adequate performance of which involves the application of special knowledge of the principles of mathematics, methods of measurement, and the law for the determination and preservation of land boundaries. "Practice of land surveying" includes, without limitation:</p> <ol style="list-style-type: none"> <li>(1) restoration and rehabilitation of corners and boundaries in the United States Public Land Survey System or the subdivision thereof;</li> <li>(2) obtaining and evaluating evidence for the accurate determination of land boundaries;</li> <li>(3) monumenting the subdivision of land parcels into smaller parcels and the preparation of the descriptions in connection therewith;</li> <li>(4) measuring and platting underground mine workings;</li> <li>(5) creation, preparation or modification of electronic or computerized data including portions of geographic information systems and land information systems, relative to the performance of the practice of land surveying;</li> <li>(6) establishment, restoration, and rehabilitation of land survey monuments and bench marks;</li> <li>(7) preparation of land survey plats, condominium plats, monument records, and survey reports;</li> <li>(8) surveying, monumenting, and platting of easements, and rights-of-way;</li> <li>(9) measuring, locating, or establishing 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 a survey, the configuration or contour of the earth's surface, or the position of fixed objects on the earth's surface;</li> <li>(10) geodetic surveying;</li> <li>(11) any other activities incidental to and necessary for the adequate performance of the services described in this paragraph; and</li> <li>(12) surveying reports or like material developed in connection with expert witness testimony or anticipated testimony.</li> </ol> <p>b. A person or entity shall be construed to practice or offer to practice land surveying, within the meaning and intent of Section 475.1 et seq. of this title who does any one of the following: practices any branch of the profession of land surveying; by verbal claim, sign, advertisement, letterhead, card or in any other way represents such person to be a professional land surveyor or through the use of some other title implies that such person or entity is a professional land surveyor or that such person is registered, licensed, or qualified under Section 475.1 et seq. of this title; represents qualifications or ability to</p>	<p>A. Certification or Enrollment as a Land Surveyor Intern. Passing of the NCEES Fundamentals of Surveying (FS) examination and completion of one of the following shall be considered as minimum evidence that the applicant is qualified for certification or enrollment as a land surveyor intern:</p> <ol style="list-style-type: none"> <li>1. Graduating from a surveying program of four (4) years or more approved by the Board, providing proof of graduation, and submitting three character or professional references;</li> <li>2. Graduating from a surveying program of two (2) years or more approved by the Board, providing proof of graduation, and submitting three character or professional references;</li> <li>3. Graduating from a program of two (2) years or more approved by the Board which shall include the Board-approved core curriculum, providing proof of graduation, and submitting three character or professional references; or</li> <li>4. Completing sixty (60) college credit hours approved by the Board which shall include the Board approved core curriculum, providing proof of successful completion of the required college credit hours and submitting three character or professional references.</li> </ol> <p>B. Initial Measurements. An individual meeting the education requirements pursuant to subsection A of this section for a land surveyor intern shall meet the following land surveying experience requirements as described in Board rules, which shall include combined office and field experience satisfactory to the Board on projects of a grade and character which indicate to the Board the applicant may be competent to practice land surveying:</p> <ol style="list-style-type: none"> <li>1. An individual meeting the experience requirements in paragraph 1 of subsection A of this section: four (4) years of total experience including two (2) years which shall follow the date of the conferment of the degree; or</li> <li>2. An individual meeting the experience requirements in paragraphs 2, 3 and 4 of subsection A of this section: six (6) years of total experience.</li> </ol>	FS, PS, and OK LS Exam	<p><a href="https://www.ok.gov/peter">https://www.ok.gov/peter</a></p>
Oregon	Land Surveyor (Also licenses Photogrammetrists, see notes for scope)	<p>"Practice of land surveying" means doing any of the following:</p> <ol style="list-style-type: none"> <li>(a) Providing or offering to provide for others professional services that apply mathematics, geodesy and other sciences and involve: <ol style="list-style-type: none"> <li>(i) The making of geometric measurements and gathering of related information pertaining to: <ol style="list-style-type: none"> <li>(i) The physical or legal features of the earth;</li> <li>(ii) Improvements on the earth; or</li> <li>(iii) The space above or below the earth; or</li> </ol> </li> <li>(ii) The development of measurements and information described in subparagraph (A) of this paragraph into graphics, data, maps, plans, reports, descriptions, projects or other survey products.</li> </ol> </li> <li>(b) Performing geodetic surveys for others.</li> <li>(c) Establishing, reestablishing or replacing boundaries or geodetic control monuments or reference points.</li> <li>(d) Locating, relocating, establishing, reestablishing or retracing any property lines or boundaries for any tract of land, road right-of-way or easement.</li> <li>(e) Making any survey for the division or subdivision of a tract of land or for the consolidation of tracts of land.</li> <li>(f) Locating and laying out for others alignments, positions or elevations for the construction of fixed works.</li> <li>(g) Performing or offering to perform for others any investigation, interpretation or evaluation of, or any consultation about, any of the services described in paragraphs (a) to (f) of this subsection.</li> <li>(h) Collecting, preparing, manipulating or modifying data related to activities described in paragraphs (a) to (f) of this subsection for others, other than acting as a scrivener.</li> <li>(i) Performing photogrammetric mapping for others.</li> <li>(j) Making surveys that involve horizontal or vertical mapping control or geodetic control</li> </ol>	<p>872.126 Minimum qualifications for registration as professional land surveyor. As minimum evidence of qualification for registration as a professional land surveyor, an applicant must qualify:</p> <ol style="list-style-type: none"> <li>(1) Accredited Four Year Baccalaureate Degree in Land Surveying and Four Years of Experience. <ol style="list-style-type: none"> <li>(a) Graduation from: <ol style="list-style-type: none"> <li>(i) EAC of ABET accredited baccalaureate of land surveying degree program;</li> <li>(ii) ETAC of ABET accredited baccalaureate of land surveying degree program; or</li> <li>(iii) ANSAC of ABET accredited baccalaureate of land surveying degree program.</li> </ol> </li> <li>(b) Experience. <ol style="list-style-type: none"> <li>(i) For an applicant who has held active surveying registration in another jurisdiction with NCEES membership for zero to six years, four years of active practice in land surveying work as defined in ORS 820-005-0051, under the direction and supervision of a registered professional land surveyor;</li> <li>(ii) For an applicant who has held active surveying registration in another jurisdiction with NCEES membership for six years or more, four years of active practice in land surveying work while registered as a Professional Land Surveyor in that jurisdiction; or,</li> <li>(iii) For an applicant with an accredited baccalaureate degree in land surveying, and who has held active surveying registration in other jurisdiction with NCEES membership for zero to six years, four years of active practice of land surveying work described in ORS 872.0051(c) to (f) under the direction and supervision of a registered professional engineer or registered professional land surveyor.</li> </ol> </li> <li>(c) Graduation from a post-baccalaureate degree program in land surveying, from a college or university that offers an EAC or ETAC of ABET, or ACCE accredited undergraduate program in a discipline similar to that of the post-baccalaureate degree program, may be substituted for one year of the experience required in subsection (b) of this rule.</li> </ol> </li> <li>(2) Accredited Four Year Baccalaureate Degree in Engineering, Additional Course Work, and Four Years of Experience. <ol style="list-style-type: none"> <li>(a) Graduation from: <ol style="list-style-type: none"> <li>(i) ETAC of ABET accredited baccalaureate of engineering degree program with 11 semester or 16 quarter hours of surveying instruction and surveying law;</li> <li>(ii) EAC of ABET accredited baccalaureate of engineering degree program with 11 semester or 16 quarter hours of surveying instruction and surveying law; or</li> <li>(iii) ACCE accredited baccalaureate of engineering degree program with 11 semester or 16 quarter hours of surveying instruction and surveying law.</li> </ol> </li> <li>(b) Experience. <ol style="list-style-type: none"> <li>(i) For an applicant who has held active surveying registration in another jurisdiction with NCEES membership for zero to six years, four years of active practice in land surveying work as defined in ORS 820-005-0051, in the Applicant's area of competence, and under the direction and supervision of a registered professional land surveyor; or</li> <li>(ii) For an applicant who has held active surveying registration in another jurisdiction with NCEES membership for six years or more, four years of active practice in land surveying work while registered as a Professional Land Surveyor in that jurisdiction.</li> </ol> </li> </ol> </li> </ol> <p>A candidate for certification as a surveyor-in-training shall be of good moral character and achieve a passing score on the NCEES fundamentals of surveying examination. To qualify for the fundamentals of surveying examination, the candidate shall possess one of the following qualifications:</p> <ol style="list-style-type: none"> <li>(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 to NCEES of achieving a passing score on the fundamentals of surveying examination.</li> <li>(ii) Graduation from an associate's degree program in a surveying technology curriculum accredited by ABET.</li> <li>(iii) Six years of progressive experience in surveying, and knowledge, skill and education equivalent to that attained through graduation from an approved land surveying or civil engineering curriculum. The experience must reflect diversification of field and office work, with no less than 25% of the experience in either area and be 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. .</li> </ol> <p>Professional land surveyor. A candidate for licensure as a professional land surveyor shall be certified as a surveyor-in-training and achieve a passing score on the NCEES principles and practice of surveying examination. To qualify for the principles and practice examination, the surveyor-in-training shall have obtained one of the following experience qualifications between the effective date of the surveyor-in-training certificate and the submission of the examination application:</p> <ol style="list-style-type: none"> <li>(i) Four years of progressive experience in surveying work acquired under the supervision of a professional land surveyor or a land surveyor who, through education and experience, possesses the equivalent level of expertise as that of a professional land surveyor. The experience shall be of a grade and character to qualify the candidate to assume responsible charge of the work involved in the practice of land surveying.</li> <li>(ii) Four years of progressive full-time faculty teaching experience in a surveying curriculum accredited by ABET under the supervision of a professional land surveyor or a surveyor who, through education and experience, possesses the equivalent level of expertise as a professional land surveyor. The experience must include the teaching of surveying courses at the third-year, fourth-year or graduate level.</li> </ol>	FS, PS, OR Specific Exam	<p>Photogrammetric mapping may include, but need not be limited to, work regarding the extent of coverage, location of ground control, aerial photography or similarly remotely sensed data, the measurement of features detected by remote sensing equipment, quality control for compliance with standards and specifications and the presentation of findings.</p> <p><a href="https://www.oregon.gov/OSBE/ELSI/Pages/default.aspx">https://www.oregon.gov/OSBE/ELSI/Pages/default.aspx</a></p>
Pennsylvania	Professional Land Surveyor	<p>"Practice of Land Surveying" means the practice of that branch of the profession of engineering which involves the location, relocation, establishment, reestablishment or retracement of any property line or boundary of any parcel of land or any road right-of-way, easement or alignment; the use of principles of land surveying, determination of the position of any monument or reference point which marks a property line boundary, or corner setting, resetting or replacing any such monument or individual point including the writing of deed descriptions; procuring or offering to procure land surveying work for himself or others; managing or conducting as managers, proprietors or agent any place of business from which land surveying work is solicited, performed, or practiced; the performance of the foregoing acts and services being prohibited to persons who are not granted certificates of registration under this act as a professional land surveyor unless exempt under other provisions of this act.</p>	<p>A candidate for certification as a surveyor-in-training shall be of good moral character and achieve a passing score on the NCEES fundamentals of surveying examination. To qualify for the fundamentals of surveying examination, the candidate shall possess one of the following qualifications:</p> <ol style="list-style-type: none"> <li>(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 to NCEES of achieving a passing score on the fundamentals of surveying examination.</li> <li>(ii) Graduation from an associate's degree program in a surveying technology curriculum accredited by ABET.</li> <li>(iii) Six years of progressive experience in surveying, and knowledge, skill and education equivalent to that attained through graduation from an approved land surveying or civil engineering curriculum. The experience must reflect diversification of field and office work, with no less than 25% of the experience in either area and be 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. .</li> </ol> <p>Professional land surveyor. A candidate for licensure as a professional land surveyor shall be certified as a surveyor-in-training and achieve a passing score on the NCEES principles and practice of surveying examination. To qualify for the principles and practice examination, the surveyor-in-training shall have obtained one of the following experience qualifications between the effective date of the surveyor-in-training certificate and the submission of the examination application:</p> <ol style="list-style-type: none"> <li>(i) Four years of progressive experience in surveying work acquired under the supervision of a professional land surveyor or a land surveyor who, through education and experience, possesses the equivalent level of expertise as that of a professional land surveyor. The experience shall be of a grade and character to qualify the candidate to assume responsible charge of the work involved in the practice of land surveying.</li> <li>(ii) Four years of progressive full-time faculty teaching experience in a surveying curriculum accredited by ABET under the supervision of a professional land surveyor or a surveyor who, through education and experience, possesses the equivalent level of expertise as a professional land surveyor. The experience must include the teaching of surveying courses at the third-year, fourth-year or graduate level.</li> </ol>	FS, PS, and PA State Specific Exam	<p><a href="https://www.dps.pa.gov/ProfessionalLicensing/Board/OS-Commissions/Engineering-and-Surveying/Qualifications/Engineer-licensing.aspx">https://www.dps.pa.gov/ProfessionalLicensing/Board/OS-Commissions/Engineer-licensing.aspx</a></p>
Rhode Island	Professional Land Surveyors	<p>"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 perform the act of measuring and locating lines, angles, elevations, natural and manmade 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 laying out of lands and their subdivisions, including the topography, alignment, and grades of streets and for the preparation of maps, record plats, field-note records, and property descriptions that represent these surveys.</p>	<p>One of the following shall be considered as minimum evidence to the board that the applicant is qualified for registration as a professional land surveyor or for certification as a land-surveyor-in-training, respectively:</p> <ol style="list-style-type: none"> <li>(i) Graduation from a four-year (4) survey degree program, experience, and examination. A graduate of a four-year (4) survey degree program applicant will need a specific record of a minimum five (5) years of experience in land surveying. This verified experience shall be under the direct supervision of a registered professional land surveyor, satisfactory to the board, and shall be broken down as follows: At a minimum, twenty percent (20%) shall be field experience; twenty percent (20%) shall be research, deed evidence, reconciliation, etc.; and twenty percent (20%) shall be property line calculations and determination. Once the experience has been deemed satisfactory to the board, the applicant may be admitted to an examination in the principles and practice of land surveying, plus an additional Rhode Island legal portion. Upon passing that examination, the applicant is granted a certificate of registration to practice land surveying in this state, provided the applicant is qualified.</li> <li>(ii) Graduation from a four-year (4) degree program, experience, and examination. A graduate of a four-year (4) degree program applicant who has also fulfilled the core curriculum (see subsection (h) of this section) will need a specific record of a minimum five (5) years of experience in land surveying. This verified experience shall be under the direct supervision of a registered professional land surveyor, satisfactory to the board, and shall be broken down as follows: At a minimum, twenty percent (20%) shall be field experience; twenty percent (20%) shall be research, deed evidence, reconciliation, etc.; and twenty percent (20%) shall be property line calculations and determination. Once the experience has been deemed satisfactory to the board, the applicant may be admitted to an examination in the principles and practice of land surveying, plus an additional Rhode Island legal portion. Upon passing that examination, the applicant is granted a certificate of registration to practice land surveying in this state, provided the applicant is qualified.</li> <li>(iii) Graduation from a two-year (2) survey degree program, experience, and examination. A graduate of a two-year (2) survey degree program applicant will need a specific record of a minimum five (5) years of verified experience in land surveying. All five (5) years of experience shall be under the direct supervision of a registered professional land surveyor, satisfactory to the board, and shall be broken down as follows: At a minimum, twenty percent (20%) shall be field experience; twenty percent (20%) shall be research, deed evidence, reconciliation, etc.; and twenty percent (20%) shall be property line calculations and determination. Once the experience has been deemed satisfactory to the board, the applicant may be admitted to an examination in the principles and practice of land surveying, plus an additional Rhode Island legal portion. Upon passing that examination, the applicant is granted a certificate of registration to practice land surveying in this state, provided the applicant is qualified.</li> <li>(iv) Graduation from a two-year (2) degree program, experience, and examination. A graduate of a two-year (2) degree program applicant who has also fulfilled the core curriculum (see subsection (h) of this section) will need a specific record of a minimum five (5) years of verified experience in land surveying. All five (5) years of experience shall be under the direct supervision of a registered professional land surveyor, satisfactory to the board, and shall be broken down as follows: At a minimum, twenty percent (20%) shall be field experience; twenty percent (20%) shall be research, deed evidence, reconciliation, etc.; and twenty percent (20%) shall be property line calculations and determination. Once the experience has been deemed satisfactory to the board, the applicant may be admitted to an examination in the principles and practice of land surveying, plus an additional Rhode Island legal portion. Upon passing that examination, the applicant is granted a certificate of registration to practice land surveying in this state, provided the applicant is qualified.</li> </ol>	FS and PS	<p><a href="http://www.bdp ri.gov/surveyors/">http://www.bdp ri.gov/surveyors/</a></p>

<p><b>South Carolina</b></p>	<p>Professional Surveyor (Tier A and Tier B, see scope)</p>	<p><b>C. TIER A Land Surveyor.</b>  (1) The practice of TIER A land surveying consists of three separate disciplines:  (a) land boundary surveying;  (b) photogrammetry, and  (c) geographic information systems (GIS).  A land 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.  (2) The scopes of authority for the individual disciplines of TIER A land surveying are identified as follows:  (a) Professional Land Boundary Surveyor (PLS).  1. Locates, relocates, establishes, 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 subdivisions of land;  2. Determines, by use of principles of land surveying, the position for any survey monument or reference point; or sets, resets, or replaces such monument or reference; determines the topographic configuration or contour of the earth's surface with terrestrial or extraterrestrial measurements; conducts hydrographic surveys;  3. Conducts geodetic surveying which includes surveying for determination of geographic 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;  4. Creates graphical representations of the data related to items C(2)(a)1, 2, 3 above.  5. Performs work of a professional photogrammetric surveyor as described in the item C(2)(b).  (b) Professional Photogrammetric Surveyor (PPS).  1. Determines the configuration or contour of the earth's surface or the position of fixed objects thereon by applying the principles of mathematics on remotely sensed data, such as photogrammetry.  2. Creates graphical representations of data relating to the item (b)1 above.  3. Performs work of a land boundary surveyor as described in the item C(2)(a) above or as a geographic information systems (GIS) surveyor as described in the item C(2)(c) below only after obtaining a license in those categories.  (c) Professional Geographic Information System Surveyor (GIS).  1. Creates, prepares, or modifies electronic or computerized data including land information systems and geographic information systems relative to the performance of the activities described in subsections (a) and (b) above.  2. Creates digital spatial data based on integration, interpretations, transformations, and/or the manipulation of primary data sources that affects the health, welfare, or safety of the public.  3. Performs work of a land boundary surveyor as described in subsection C(2)(a) above or as a photogrammetric surveyor as described in the item C(2)(b) above only after obtaining a license in those categories.</p>	<p><b>TIER A</b> The minimum evidence satisfactory to the board that an applicant is qualified for licensure as a <b>TIER A Professional Surveyor</b> 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 40-22-20(2e) 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.  <b>TIER B</b> To be eligible for licensure and registration as a professional land surveyor <b>TIER B</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 <b>TIER B Professional Land Surveyor</b> 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>	<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</p>	<p><a href="https://tr.sc.gov/eng/">https://tr.sc.gov/eng/</a></p>
<p><b>South Dakota</b></p>	<p>Professional Land Surveyors</p>	<p>Practice of land surveying defined:  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.  The practice of land surveying includes any of the following:  (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 formation systems and geographic information systems, relative to the performance of the activities in subdivisions (1) to (5), inclusive, of this section.</p>	<p>(1) A bachelor level degree in surveying from a program accredited by the EAC, ASAC, or TAC of ABET or other education assessed 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. 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.  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 described above 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.  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. :  (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(3).  To qualify, land surveying experience must be completed under the direct supervision of a licensed professional land surveyor who is actively engaged in the practice of land surveying. Experience must consist of employment or services that require the application of special knowledge and technical skills acquired in the practice of land surveying as follows:  (1) Correct determination and description of lands for conveyance or encumbrance;  (2) Establishment or reestablishment of land boundaries;  (3) Platting of lands in subdivisions;  (4) Surveyed acquisition of data relative to the shape of the earth's surface and fixed objects thereon and therein for the purpose of presenting mapped information; and  (5) Surveys necessary to plan for the alteration of the earth's surface or to create fixed works thereon.  Intermittent experience of a land surveying nature shall be credited in the same proportion that the work of a land surveying nature bears to the total experience period. <i>Surveying experience normally identified with examination projects, including design surveys for</i>  Satisfy one (1) of the following requirements:  (i) Obtain a baccalaureate degree from a surveying or surveying 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;  (ii) 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;  (iii) Obtain a baccalaureate degree from a nonsurveying 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;  (iv) 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 four (4) years of progressive practical experience, three (3) years of which shall have been in responsible charge of duties performed under a practicing professional land surveyor if the applicant passes the Fundamentals of Land Surveying examination on or before June 30, 2016, or if the applicant does not pass the Fundamentals of Land Surveying on or before June 30, 2016, a record satisfactory to the board of six (6) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, four (4) years 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; or  (v) Comply with the requirements of subdivision B(1)(F)(v) as approved by the board and pass the Fundamentals of Land Surveying examination on or before June 30, 2017, or if the applicant does not pass the Fundamentals of Land Surveying examination on or before June 30, 2017, obtain six (6) years of progressive practical experience which shall have been in responsible charge of the duties performed under a professional land surveyor after the applicant passes the Fundamentals of Land Surveying examination, plus an additional twelve (12) hours of board-approved coursework in the surveying sciences. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a</p>	<p>FS, PS, SD Laws and Rules</p>	<p><a href="https://dr.sd.gov/bv/">https://dr.sd.gov/bv/</a></p>
<p><b>Tennessee</b></p>	<p>Professional Land Surveyor</p>	<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 of land, 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>	<p>Satisfy one (1) of the following requirements:  (i) Obtain a baccalaureate degree from a surveying or surveying 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;  (ii) 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;  (iii) Obtain a baccalaureate degree from a nonsurveying 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;  (iv) 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 four (4) years of progressive practical experience, three (3) years of which shall have been in responsible charge of duties performed under a practicing professional land surveyor if the applicant passes the Fundamentals of Land Surveying examination on or before June 30, 2016, or if the applicant does not pass the Fundamentals of Land Surveying on or before June 30, 2016, a record satisfactory to the board of six (6) years of progressive practical experience after the applicant passes the Fundamentals of Land Surveying examination, four (4) years 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; or  (v) Comply with the requirements of subdivision B(1)(F)(v) as approved by the board and pass the Fundamentals of Land Surveying examination on or before June 30, 2017, or if the applicant does not pass the Fundamentals of Land Surveying examination on or before June 30, 2017, obtain six (6) years of progressive practical experience which shall have been in responsible charge of the duties performed under a professional land surveyor after the applicant passes the Fundamentals of Land Surveying examination, plus an additional twelve (12) hours of board-approved coursework in the surveying sciences. An applicant who passes the Principles and Practice of Land Surveying examination and the Tennessee State Jurisdictional examination shall be granted licensure as a</p>	<p>FS, PS, and TN State Jurisdictional Exam</p>	<p><a href="https://www.tn.gov/commerce/theboardofsurveyors.html">https://www.tn.gov/commerce/theboardofsurveyors.html</a></p>



Texas	Professional Surveyor	<p>(6) "Professional surveying" means the practice of land, boundary, or property surveying or other similar professional practice.</p> <p>The term includes:</p> <p>(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:</p> <p>(i) locating real property boundaries;</p> <p>(ii) platting and laying out land and subdivisions of land; or</p> <p>(iii) preparing and perpetuating maps, record plats, field note records, easements, and real property descriptions that represent those surveys; and</p> <p>(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</p>	<p>An applicant for registration as a registered professional land surveyor must:</p> <p>(1) hold a certificate as a surveyor-in-training;</p> <p>(2) have at least two years of experience satisfactory to the board as a surveyor-in-training in performing surveying in delegated responsible charge 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</p> <p>(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:</p> <p>(A) civil engineering;</p> <p>(B) land surveying;</p> <p>(C) mathematics;</p> <p>(D) photogrammetry;</p> <p>(E) land surveying;</p> <p>(F) land law; or</p> <p>(G) the physical sciences</p> <p><b>SURVEYOR-IN-TRAINING CERTIFICATE.</b></p> <p>(a) An applicant for a surveyor-in-training certificate must:</p> <p>(1) have earned a bachelor of science degree in surveying from an accredited institution of higher education;</p> <p>(2) have:</p> <p>(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:</p> <p>(i) civil engineering;</p> <p>(ii) land surveying;</p> <p>(iii) mathematics;</p> <p>(iv) photogrammetry;</p> <p>(v) forestry;</p> <p>(vi) land law; or</p> <p>(vii) the physical sciences; and</p> <p>(B) completed at least one year of experience acceptable to the board in delegated responsible charge as a subordinate to a registered professional land surveyor actively engaged in professional surveying;</p> <p>(3) have:</p> <p>(A) earned an associate degree in surveying from an accredited institution of higher education; and</p> <p>(B) completed at least two years of experience acceptable to the board in delegated responsible charge as a subordinate to a registered professional land surveyor actively engaged in professional surveying;</p>	FS, PS, TX Specific	<a href="https://ers.tees.texas.gov/">https://ers.tees.texas.gov/</a>
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> <p>(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;</p> <p>(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;</p> <p>(C) making any survey for the division, subdivision, or consolidation of any tract of land;</p> <p>(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;</p>	<p>one of the following provisions, as established by the Board by rule:</p> <p>(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.</p> <p>(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.</p> <p>(3) Internship, portfolio, and examinations. An applicant who has completed a 72-month internship, successfully completed portfolio, and passed the examinations required by the Board may be granted a license.</p>	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 horizontal 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>	<p>A. Land surveyor license.</p> <p>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.</p> <p>18VAC10-20-300. Requirements for surveyor-in-training (SIT) designation.</p> <p>A. In order to be approved to sit for the Fundamentals of Land Surveying (FLS) exam, applicants must satisfy one of the following:</p> <ol style="list-style-type: none"> <li>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 his designee;</li> <li>2. Have earned an undergraduate degree from a board-approved or ABET accredited surveying or surveying technology curriculum;</li> <li>3. Have earned a board-approved undergraduate degree related to surveying and possess a minimum of one year of approved land surveying experience;</li> <li>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;</li> <li>5. Have earned a board-approved associate's degree related to surveying and possess a minimum of four years of approved land surveying experience;</li> <li>6. Have successfully completed a board-approved survey 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</li> <li>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.</li> </ol> <p>Have 5 years of professional-level experience under the direct supervision of a licensed land surveyor.</p> <p>Education in an ABET-accredited program may count for up to 4 years of this experience.</p> <p>Completion of the Certified Federal Surveyor (CFSDS) program, including the final exam, may count for 3 months of this experience.</p>	FS, PS, VA Specific	<a href="http://www.dpor.virginia.gov/Boards/APEL/S/">http://www.dpor.virginia.gov/Boards/APEL/S/</a>
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.</p>	<p>Education and Experience Reporting.</p> <p>3.3.a. An applicant shall clearly and concisely document his or her survey related education and experience history and list separately the years of education, technical experience and responsible charge experience with the number of allotted years clearly shown and the sum shall be a minimum of eight (8) years.</p> <p>3.3.b. The applicant shall document a minimum of two (2) years experience in responsible charge of survey related work in order to qualify for examination.</p> <p>3.3.c. The final determination for allotted years for each category shall rest entirely with the Board.</p> <p>3.4. The degree and certificates may be awarded the following experience equivalents:</p> <p>3.4.a. Baccalaureate degree with at least 10 credit hours in surveying courses may be substituted for two (2) years experience.</p> <p>3.4.b. Baccalaureate degree with less than 10 credit hours in surveying courses and at least six (6) credit hours of college math and trigonometry may be substituted for one (1) year experience.</p> <p>3.4.c. Associate degree with at least ten (10) credit hours in surveying courses may be substituted for one (1) year experience.</p> <p>3.4.d. Associate degree with less than 10 credit hours in surveying courses and at least six (6) credit hours of college math and trigonometry may be substituted for one-half (1/2) year experience.</p> <p>3.4.e. Surveying specific certificate degree or no degree but at least eight (8) credit hours of surveying courses may be substituted for one-half (1/2) year experience.</p> <p>3.4.f. Related technical certificate degree may be substituted for one-fourth (1/4) year experience.</p>	FS, PS, WA State Specific	<a href="https://spsls.wa.gov/">https://spsls.wa.gov/</a>
West Virginia	Professional Surveyors	<p>"Surveying" or "land surveying" means providing, or offering to provide, professional services using such sciences as mathematics, geodesy, and photogrammetry, and involving both:</p> <p>(1) The making of geometric measurements and gathering related information pertaining to the physical or legal features of the land, improvements on the earth, the space above, on, or below the earth; and</p> <p>(2) Providing, utilizing or developing the same into survey products such as graphics, data, maps, plans, reports, descriptions or projections. 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> <p>(A) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon.</p> <p>(B) Determining by performing geodesic surveys the size and shape of the earth or the position of any point on the earth.</p> <p>(C) Determining the position for any survey control monument or reference point.</p> <p>(D) Creating, preparing or modifying electronic, computerized or other data relative to the performance of the activities in the above-described paragraphs (A) through (C), inclusive, of this subdivision.</p> <p>(E) Locating, relocating, establishing, reestablishing or retracing property lines or boundaries of any tract of land, road, right-of-way or easement.</p> <p>(F) Making any survey for the division, subdivision, or consolidation of any tract or tracts of land.</p> <p>(G) Locating or laying out alignments, positions or elevations for the construction of fixed works.</p> <p>(H) Determining, by the use of principles of surveying, the position for any boundary or nonboundary survey monument or reference point, or establishing or replacing any such monument or reference point.</p> <p>(I) Creating, preparing or modifying electronic, computerized or other data relative to the performance of the activities in the above-described paragraphs (E) through (H), inclusive, of this subdivision.</p> <p>(3) Any person who engages in surveying, who by verbal claim, sign, advertisement, letterhead, card or in any other way represents themselves to be a professional surveyor, or who implies through the use of some other file that they are able to</p>	<p>Education and Experience Reporting.</p> <p>3.3.a. An applicant shall clearly and concisely document his or her survey related education and experience history and list separately the years of education, technical experience and responsible charge experience with the number of allotted years clearly shown and the sum shall be a minimum of eight (8) years.</p> <p>3.3.b. The applicant shall document a minimum of two (2) years experience in responsible charge of survey related work in order to qualify for examination.</p> <p>3.3.c. The final determination for allotted years for each category shall rest entirely with the Board.</p> <p>3.4. The degree and certificates may be awarded the following experience equivalents:</p> <p>3.4.a. Baccalaureate degree with at least 10 credit hours in surveying courses may be substituted for two (2) years experience.</p> <p>3.4.b. Baccalaureate degree with less than 10 credit hours in surveying courses and at least six (6) credit hours of college math and trigonometry may be substituted for one (1) year experience.</p> <p>3.4.c. Associate degree with at least ten (10) credit hours in surveying courses may be substituted for one (1) year experience.</p> <p>3.4.d. Associate degree with less than 10 credit hours in surveying courses and at least six (6) credit hours of college math and trigonometry may be substituted for one-half (1/2) year experience.</p> <p>3.4.e. Surveying specific certificate degree or no degree but at least eight (8) credit hours of surveying courses may be substituted for one-half (1/2) year experience.</p> <p>3.4.f. Related technical certificate degree may be substituted for one-fourth (1/4) year experience.</p>	FS, PS, WV Specific	<a href="https://sps.wv.gov/Pages/default.aspx">https://sps.wv.gov/Pages/default.aspx</a>
Wisconsin	Professional Land Surveyor	<p>"Practice of professional land surveying" means any of the following:</p> <p>(a) Any service comprising the establishment or reestablishment of the boundaries of one or more tracts of land or the boundaries of any of the following interests in real property:</p> <ol style="list-style-type: none"> <li>1. The rights-of-way of roads or streets.</li> <li>2. Air or subsurface property rights.</li> <li>3. Public or private easements.</li> </ol> <p>(b) Designing or coordinating designs for the purpose of platting or subdividing land into smaller tracts.</p> <p>(c) Platting, replating, restoring or preparing monuments in or on the ground to evidence the location of a point that is necessary to establish boundaries of one or more tracts of land or the subdivision or consolidation of one or more tracts of land or to describe the boundaries of any interest in real property identified in par. (a).</p> <p>(d) Preparing maps that depict any interest in real property identified in par. (a) for the purpose of establishing the boundaries of any such interest in real property.</p> <p>(e) Preparing any of the following:</p> <ol style="list-style-type: none"> <li>1. An official map established or amended under s. 62.23 (6), established or amended under the authority of s. 61.35, or adopted under s. 60.61.</li> <li>2. An assessor's plat under s. 70.27.</li> <li>3. A map or plat of cemetery lands under s. 157.07.</li> <li>4. A subdivision plat, certified survey map, or correction instrument under Ch. 236.</li> <li>5. A condominium plat or correction instrument under Ch. 703.</li> <li>6. A project and time-share property plat under s. 707.215.</li> </ol>	<p>(1) An applicant for a professional land surveyor licensure, in accordance with s. 443.06 (2), Stats., shall complete all of the following:</p> <p>(a) Sit for any one of the following:</p> <ol style="list-style-type: none"> <li>1. Documentary evidence of completion of a bachelor's degree of not less than 4 years duration in a course in the practice of professional land surveying or a related field that is approved by the professional land surveying section and the completion of at least 2 years of approved practice in professional land surveying.</li> <li>2. Documentary evidence of completion of an associate degree in not less than 2 years duration in a course in the practice of professional land surveying or a related field of study that is approved by the professional land surveying section and the completion of at least 4 years of approved practice in professional land surveying.</li> <li>3. Documentary evidence that the applicant has engaged in the practice of professional land surveying for at least 10 years prior to the application and has demonstrated that the applicant is competent to engage in the practice of professional land surveying as determined by the professional land surveying section. This subdivision applies to applicants who are applying after June 30, 2000 and before July 1, 2019.</li> </ol>	FS, PS, and WI Jurisdictional Exam	<a href="https://sps.wv.gov/Pages/Default.aspx">https://sps.wv.gov/Pages/Default.aspx</a>

Wyoming	Professional Land Surveyor	<p>"Practice of professional land surveying" means performing for others or offering to perform for others "professional services" which involve the application of special knowledge or principles of mathematics and methods of measurement for the determination and preservation of land boundaries and for the determination of land features and forms. An individual performs a "professional service" in the practice of professional land surveying if he:</p> <p>(A) As a professional land surveyor, makes geometric measurements and gathers related information pertaining to the physical or legal features of the earth, improvements on the earth and the space above, on or below the earth;</p> <p>(B) Teaches, as a professional land surveyor, upper division university level land surveying design subjects;</p> <p>(C) Performs professional land surveying research as a professional land surveyor;</p> <p>(D) As a professional land surveyor, creates work product relating to land surveying such as graphics, data, maps, plans, reports and descriptions;</p> <p>(E) Represents himself to be a professional land surveyor by sign, advertisement, letterhead, card, verbal claim or any other way;</p> <p>(F) Testifies as an expert in professional land surveying; or</p> <p>(G) Holds himself out as able to perform or does perform, as a professional land surveyor, any similar service defined by board rules as professional land surveying.</p> <p>Practice of Surveying or Lins Surveying - Providing professional services such as consultation, investigation, testimony, 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, existing or proposed 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. The practice of surveying or land surveying includes, but is not limited to, any one or more of the following:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Performing 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.</li> <li>3. Determining, by the use of principles of surveying, the position for any survey control (non-boundary) monument or reference point, or setting, resetting, or replacing any such monument or reference point.</li> <li>4. 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 items (1) through (3).</li> <li>5. Locating, relocating, establishing, reestablishing, laying out, or retracing 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 engineering.</li> <li>6. Making any survey for the subdivision of any tract of land.</li> <li>7. Determining, by the use of principles of land surveying, the position for any survey monument or reference point; or setting, resetting, or replacing any such monument or reference point.</li> <li>8. 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 items (5) through (7).</li> </ol>	<p>(C) An applicant for a license as a professional land surveyor shall submit evidence satisfactory to the board showing that the applicant has met the requirements for a land surveyor intern certificate, and has four (4) years of land surveying experience in increasing responsibility and scope of a grade and character that evidence the applicant is competent to practice as a professional land surveyor. This experience shall be in addition to that described in W.S. 33-29-402(b)(ii).</p> <p>W.S. 33-29-402 (b) An applicant for a certificate as a land surveyor intern shall submit evidence satisfactory to the board showing that the applicant:</p> <p>(i) Is possessed of a background that does not evidence conduct adverse to the practice of land surveying or to the ability to practice as a land surveyor intern;</p> <p>(ii) Has passed an examination in the fundamentals of land surveying;</p> <p>(iii) Has one (1) of the following educational/experience backgrounds:</p> <p>(A) Has graduated from a curriculum approved by the board ( ABET-EAC accredited degree) of at least four (4) years that contains at least thirty (30) semester credit hours in surveying approved by the board; or</p> <p>(B) Has graduated from a curriculum approved by the board of at least two (2) years that contains at least thirty (30) semester credit hours in surveying approved by the board plus two (2) years of combined office and field experience in land surveying, of which one (1) year shall have been in charge of land surveying projects under the supervision of a licensed professional land surveyor.</p> <p>An applicant for certification as an Land Surveyor Intern must have obtained a four-year baccalaureate land surveying degree from a land surveying program approved by the Board in accordance with § 1508.4, or must be currently enrolled and within one (1) semester of completing a baccalaureate degree in land surveying in a land surveying program which has been approved by the Board. The current enrollment status of the applicant, if applicable, must be verified by the educational institution.</p> <p>1508.4 An applicant for licensure as a Professional Land Surveyor, who is not licensed under the laws of another state, must have obtained a four-year baccalaureate land surveying degree from a land surveying program approved by the Board. The Board shall approve land surveying programs that meet the following standards:</p> <p>(a) The college or university awarding the baccalaureate land surveying degree must be accredited by an accrediting agency or state approval agency located in the state or territory where the main campus of the college or university is located, which is recognized by the U.S. Secretary of Education as a "reliable authority as to the quality of postsecondary education" within the meaning of the Higher Education Act of 1965 (HEA).</p> <p>(b) The baccalaureate land surveying program was accredited by EAC/ABET, the Applied Science Accreditation Commission of ABET (ASAC/ABET), or the Technology Accreditation Commission of ABET (TAC/ABET) (collectively, the ABET Commissions) at the time the applicant received the degree.</p> <p>(c) The baccalaureate land surveying program received accreditation from one of the ABET Commissions within three years after the date that the applicant received the degree; or</p> <p>(d) The baccalaureate degree program was not accredited by one of the ABET Commissions, but the Board has determined, in accordance with ABET standards, that the program or combined coursework completed by the applicant is substantially equivalent to programs that are accredited by the ABET Commissions. A transcript evaluation submitted pursuant to § 1508.7 of this section shall serve as the Board's guide for assessment.</p>	FS, PS, and WY State Specific	<a href="https://enr.com/newsand/surveyors/wyo.gov/">https://enr.com/newsand/surveyors/wyo.gov/</a>	
DC	Land Surveyor	<p>Practice of Surveying or Lins Surveying - Providing professional services such as consultation, investigation, testimony, 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, existing or proposed 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. The practice of surveying or land surveying includes, but is not limited to, any one or more of the following:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Performing 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.</li> <li>3. Determining, by the use of principles of surveying, the position for any survey control (non-boundary) monument or reference point, or setting, resetting, or replacing any such monument or reference point.</li> <li>4. 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 items (1) through (3).</li> <li>5. Locating, relocating, establishing, reestablishing, laying out, or retracing 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 engineering.</li> <li>6. Making any survey for the subdivision of any tract of land.</li> <li>7. Determining, by the use of principles of land surveying, the position for any survey monument or reference point; or setting, resetting, or replacing any such monument or reference point.</li> <li>8. 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 items (5) through (7).</li> </ol>	<p>(a) The college or university awarding the baccalaureate land surveying degree must be accredited by an accrediting agency or state approval agency located in the state or territory where the main campus of the college or university is located, which is recognized by the U.S. Secretary of Education as a "reliable authority as to the quality of postsecondary education" within the meaning of the Higher Education Act of 1965 (HEA).</p> <p>(b) The baccalaureate land surveying program was accredited by EAC/ABET, the Applied Science Accreditation Commission of ABET (ASAC/ABET), or the Technology Accreditation Commission of ABET (TAC/ABET) (collectively, the ABET Commissions) at the time the applicant received the degree.</p> <p>(c) The baccalaureate land surveying program received accreditation from one of the ABET Commissions within three years after the date that the applicant received the degree; or</p> <p>(d) The baccalaureate degree program was not accredited by one of the ABET Commissions, but the Board has determined, in accordance with ABET standards, that the program or combined coursework completed by the applicant is substantially equivalent to programs that are accredited by the ABET Commissions. A transcript evaluation submitted pursuant to § 1508.7 of this section shall serve as the Board's guide for assessment.</p>	FS, PS, DC Law Exam	<a href="https://www.dcopta.com/bpe/">https://www.dcopta.com/bpe/</a> and <a href="https://dcra.dc.gov/node/1423876">https://dcra.dc.gov/node/1423876</a>	
American Samoa	Land Surveyor	<p>"Surveying" Any person practices "surveying" when he is in responsible charge of surveying work and offers or performs any of the following operations:</p> <p>(A) Locates, relocates, establishes, reestablishes, or retraces any property line or boundary of any parcel of land or any road right-of-way, easement, alignment, or elevation for any fixed works embraced within the practice of civil engineering;</p> <p>(B) Makes a survey for the subdivision or re subdivision of any tract of land;</p> <p>(C) By use of the principle 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;</p> <p>(D) Determines the configuration or contour of the earth's surface or the position of fixed objects thereon or related thereto by means of measuring lines and angles and applying the principles of trigonometry;</p> <p>(E) Does geodetic or cadastral surveying;</p> <p>(F) Determines the information shown or to be shown on any map or document prepared or furnished in connection with anyone or more of the functions set out in this section;</p> <p>(G) Indicates in any capacity or in any manner, by the use of the title "registered professional surveyor" or by any other representation that he practices or offers to practice land surveying in any of its branches;</p> <p>(H) Procures or offers to procure land surveying work for himself;</p> <p>(I) Messages or conducts as manager, proprietor, or agent, any place of business from which land surveying work is solicited.</p> <p>Practice of Land Surveying means providing, or offering to provide, professional services using such sciences as mathematics, geodesy, and photogrammetry, and involving both (1) the making of geometric measurements and gathering related information pertaining to the physical and/or legal features of the earth, improvements on the earth, the space above, on, or below the earth, and (2) 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 evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any one (1) or more of the following:</p> <p>(A) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon.</p> <p>(B) Determining, by performing geodetic surveys, the size and shape of the earth or the position of any point on the earth.</p> <p>(C) Locating, relocating, establishing, or retracing property lines or boundaries of any tract of land, road, right-of-way, or easement.</p> <p>(D) Making any survey for the division, subdivision, or consolidation of any tract(s) of land.</p> <p>(E) Locating or laying out alignments, positions, or elevations for the construction of fixed works.</p> <p>(F) Determining, by the use of principles of surveying, the position for any survey monument (boundary or nonboundary) or reference point, establishing or replacing any such monument or reference point.</p> <p>(G) Creating, preparing, or modifying electronic or computerized data, relative to the performance of the activities in the above described items (A) through (F).</p> <p>(H) Certifying, within the metadata of a Geographical Information System data base, the positional accuracy of the features, cadastral and/or boundary lines, fixed objects, utilities, images and graphically displayed data sets that are used for base mapping.</p> <p>A person shall be considered to practice or offer to practice surveying, within the meaning and intent of this Chapter, who by verbal claim, sign, advertisement, letterhead, card, or in any other way represents themselves to be a land surveyor or through the use of some other title implies that they are a professional land surveyor or that they are licensed under this Chapter, or who hold themselves out as able to perform, or who does perform any surveying service or work or any other</p>	<p>The applicant shall have a background of education and experience which will generate a minimum of 70 points on the following scale:</p> <p>(1) For each year of surveying experience approved by the Board, 10 points;</p> <p>(2) For each semester-hour credit in surveying or surveying related courses from a technical institute, college, or university, as approved by the Board, 3 points;</p> <p>(3) For the highest degree or diploma approved by the board, points as shown:</p> <p>(A) High school, 10 points;</p> <p>(B) Associate, 20 points;</p> <p>(C) Bachelor, 30 points;</p>	<p>Examinations for registration shall be held at such times and places within the territory as determined by the board. The examination may be conducted by (or more members of the board or) or more duly authorized representatives of the board.</p> <p>(i) One division of the examination shall test the applicant's knowledge of appropriate mathematical and basic surveying subjects. Another division shall test the applicant's ability to apply his knowledge and experience and to assume responsible charge of work in the professional practice of land surveying. Another division shall require oral examination of the applicant's personal qualifications and attitudes with respect to his profession by the board</p>	Professional Surveyor	<a href="http://www.aslsbar.org/2019/index.php?option=com_content&amp;view=category&amp;layout=13&amp;Itemid=172_Rule">http://www.aslsbar.org/2019/index.php?option=com_content&amp;view=category&amp;layout=13&amp;Itemid=172_Rule</a> <a href="http://www.aslsbar.org/2019/index.php?option=com_content&amp;view=category&amp;layout=13&amp;Itemid=204">http://www.aslsbar.org/2019/index.php?option=com_content&amp;view=category&amp;layout=13&amp;Itemid=204</a>
Guam	Land Surveyor	<p>Practice of Land Surveying means providing, or offering to provide, professional services using such sciences as mathematics, geodesy, and photogrammetry, and involving both (1) the making of geometric measurements and gathering related information pertaining to the physical and/or legal features of the earth, improvements on the earth, the space above, on, or below the earth, and (2) 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 evaluation, expert technical testimony, planning, mapping, assembling, and interpreting gathered measurements and information related to any one (1) or more of the following:</p> <p>(A) Determining by measurement the configuration or contour of the earth's surface or the position of fixed objects thereon.</p> <p>(B) Determining, by performing geodetic surveys, the size and shape of the earth or the position of any point on the earth.</p> <p>(C) Locating, relocating, establishing, or retracing property lines or boundaries of any tract of land, road, right-of-way, or easement.</p> <p>(D) Making any survey for the division, subdivision, or consolidation of any tract(s) of land.</p> <p>(E) Locating or laying out alignments, positions, or elevations for the construction of fixed works.</p> <p>(F) Determining, by the use of principles of surveying, the position for any survey monument (boundary or nonboundary) or reference point, establishing or replacing any such monument or reference point.</p> <p>(G) Creating, preparing, or modifying electronic or computerized data, relative to the performance of the activities in the above described items (A) through (F).</p> <p>(H) Certifying, within the metadata of a Geographical Information System data base, the positional accuracy of the features, cadastral and/or boundary lines, fixed objects, utilities, images and graphically displayed data sets that are used for base mapping.</p> <p>A person shall be considered to practice or offer to practice surveying, within the meaning and intent of this Chapter, who by verbal claim, sign, advertisement, letterhead, card, or in any other way represents themselves to be a land surveyor or through the use of some other title implies that they are a professional land surveyor or that they are licensed under this Chapter, or who hold themselves out as able to perform, or who does perform any surveying service or work or any other</p>	<p>As a Land Surveyor: The evaluation of a professional surveyor applicant's qualifications involves consideration of education, technical, and surveying experience, exhibits of surveying projects with which the applicant has been associated, recommendations by references, and a review of these categories during the interview if the Board deems it necessary. The following shall be considered as minimum evidence to the Board that the applicant is qualified for registration or licensure as a professional surveyor:</p> <p>(A) Licensure or Registration by Examination — A Surveyor Intern with a specific record of four (4) years or more of combined office and field experience satisfactory to the Board in surveying, of which a minimum of three (3) years' progressive experience has been on surveying projects under the supervision of a professional surveyor, shall be eligible to take the current form of examination prepared and furnished by the NCEES in the principles and practice of land surveying, and in Guam Land Matters as prescribed in the by-laws. Upon passing such examination, the applicant shall be granted a certificate of registration to practice land surveying on Guam, provided the applicant is otherwise qualified. Creditable experience towards the required four (4) years stipulated by this Subsection may be completed at any point, prior to or after, the applicant successfully passes the Fundamentals of Land Surveying examination. The Board may require additional information, including an oral interview, to verify and confirm that the experience requirements under a professional land surveyor have been met.</p> <p>(B) Education, Experience and Examination — A graduate of a surveying 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 an additional eight (8) years of combined office and field experience satisfactory to the Board in land surveying, of which a minimum of three (3) years' experience has been in responsible control of land surveying projects under the supervision of a registered land surveyor, shall be admitted to a current form of examination in the fundamentals of land surveying, in the principles and practice of land surveying and in Guam Land Matters, as prescribed in the by-laws. Upon passing such examination, the applicant shall be granted a certificate of registration to practice land surveying on Guam, provided he is otherwise qualified.</p> <p>(C) Experience and Examination — An applicant with a specific record of twelve (12) years or more of practice in land surveying, of which at least eight (8) years have been in responsible control of important land surveying work under the supervision of a registered land surveyor, and of a grade and character satisfactory to the Board which indicates to the Board that the applicant may be competent to practice land surveying, and who has passed an examination in the fundamentals of land surveying, in the principles and practice of</p>	FS, PS, and Guam Land Matters Exam	<a href="https://www.guam-peas.org/law/">https://www.guam-peas.org/law/</a>	
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>(iii) Determining by performing geodetic surveys the size and shape of the earth or the position of any point on the earth.</p> <p>(iv) Locating, relocating, establishing, reestablishing, or retracing property lines or boundaries of any tract of land, road, right-of-way, or easement.</p> <p>(v) Making any survey for the division, subdivision, or consolidation of any tract(s) of land.</p> <p>(vi) Locating or laying out alignments, positions, or elevations for the construction of fixed works.</p> <p>(vii) 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>(viii) Creating, preparing, or modifying electronic or computerized or other data, relative to the performance of the activities in the above described items (ii) through (vi).</p> <p>(3) Any person is considered to practice or offer to practice land surveying, within the meaning and intent of the law, who engages in land surveying or who by verbal claim, sign, letterhead, card or in any other way represents themselves to be a</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	<a href="http://www.mpsl.com/bc/bc_revisedrules.asp?secID=6">http://www.mpsl.com/bc/bc_revisedrules.asp?secID=6</a>	

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 or 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, of 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.</p>	FS and PS	<a href="https://pr.pcasha.com/?page=ingenieros&amp;v=1#mensajes">https://pr.pcasha.com/?page=ingenieros&amp;v=1#mensajes</a>
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 architectural, 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</p>	FS and PS	<a href="https://dca.vi.gov/board/certification/requirements/">https://dca.vi.gov/board/certification/requirements/</a>