

LAND SURVEYOR

Licensing Authority Glean Coates
Engineering and Land Surveying Examining Board
Iowa Department of Commerce
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Ankeny IA 50021
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Legal Authority Code of Iowa, Chapter 542B; Iowa Administrative Code, Chapter 193C

Job Description Land surveyors plan, organize, and direct the work of one or more survey parties engaged in measuring distances, directions, and angles between points and elevations of points, lines, and contours on the earth's surface. They plan the fieldwork to determine the precise location of natural and constructed features of the survey project area; research legal records to look for evidence of previous boundaries; develop new data from photogrammetric records; determine methods and procedures for establishing or reestablishing survey control; keep accurate notes, records, and sketches to describe and certify work performed; and, coordinate findings with work of engineering and architectural personnel, clients, and others concerned with the project.

Education & Experience Required An applicant for licensure in land surveying must have graduated from a post-secondary course of two years or more in mathematics, physical sciences, mapping and surveying, or engineering. After successfully passing an eight-hour examination on fundamental surveying subjects, the applicant can be certified as a land surveyor intern. Those who complete four years of acceptable experience as a land surveyor intern are qualified to take the eight-hour Principles and Practice of Land Surveying examination. Licensure as a land surveyor will be granted to those who pass the second examination.

Continuing Education Thirty hours of continuing education are required biennially for license renewal.

Examination The Fundamentals of Land Surveying Examination is an eight-hour closed book examination that is administered twice a year. The Principles and Practice of Land Surveying Examination, also offered twice a year, consists of a 6-hour open-book examination and a two-hour closed book Iowa Specific Land Surveying examination.

Fees Application: \$100 – by Comity (if licensed in another state)
\$35 – by Exam – Principles & Practice
\$25 – by Exam – Fundamentals
Duration: Two years
Renewal: \$60 – Active
\$30 – Inactive
Other: \$10 – Certificate

SOC Code, Title & Avg. Hourly Wage 17-1021 – Cartographers and Photogrammetrists (\$24.37)
17-1022 – Surveyors (\$21.92)

Number of Licenses Issued Total number of licenses active as of December 31,
(counts include Engineers)
2001: N/A
2000: 6,440
1999: 5,982
1998: 5,811
1997: 5,748
1996: 5,519

For Additional Information American Congress on Surveying and Mapping
5410 Grosvenor Ln
Bethesda MD 20814-2122

Society of Land Surveyors of Iowa
1000 Walnut St Ste 2
Des Moines IA 50309

National Council on Examiners for Engineering and Surveying
PO Box 1686
Clemson SC 29633-1686
<http://www.ncees.org>