

LAND SURVEYOR

Licensing Authority	<p>Gleean Coates Engineering and Land Surveying Examining Board Iowa Department of Commerce 1920 SE Hulsizer Ankeny IA 50021 Phone: (515) 281-7360 Fax: (515) 281-7411 E-mail: gleean.coates@iowa.gov</p>
Legal Authority	Code of Iowa, Chapter 542B; Iowa Administrative Code, Chapter 193C
Job Description	<p>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.</p>
Education & Experience Required	<p>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.</p>
Continuing Education	Thirty hours of continuing education (professional development hours) are required biennially for license renewal.
Examination	<p>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.</p> <p>Applicants for licensure by comity from another jurisdiction who meet all other requirements for licensure must pass the two-hour Iowa Specific Land Surveyor exam to obtain a license to practice in Iowa.</p>
Fees	<p>Application: \$150 – by Comity (if licensed in another state) \$45 – by Exam – Principles & Practice \$30 – by Exam – Fundamentals</p> <p>Duration: Two years</p> <p>Renewal: \$100 – Active \$40 – Inactive</p> <p>Other: \$15 – Certificate</p>

SOC Code, Title & Avg. Hourly Wage	17-1021 – Cartographers and Photogrammetrists (\$26.05) 17-1022 – Surveyors (\$22.04)
Number of Licenses Issued	Total number of licenses active as of December 31, 2003: 436 (Land Surveyors only) 2002 through May 31, 2003: 417 (Land Surveyors only) active licenses as of December 31, (following counts include Engineers) 2001: N/A 2000: 6,440 1999: 5,982 1998: 5,811
For Additional Information	Iowa Department of Commerce Web site: www.state.ia.us/government/com American Congress on Surveying and Mapping 6 Montgomery Village Ave Gaithersburg MD 20879 Phone: (240) 632-9716 National Council on Examiners for Engineering and Surveying PO Box 1686 Clemson SC 29633-1686 Phone: (800) 250-3196 Fax: (864) 654-6033 www.ncees.org