



Careers in the Licensed Professions

Land Surveyor



A **land surveyor** applies mathematics, technical, and research skills to measure and plot: (1) the dimensions of any portion of the earth's surface (including natural and other structures), (2) the lengths and directions of boundary lines, and (3) the contour of the earth's surface. Examples of services:

- map an area's physical features and bodies of water
- plot construction layouts for buildings and roads
- perform boundary surveys to verify that a house, additions, and visible water and sewerage systems are located as described
- lay out the individual building lots in a subdivision

Education and Experience

"Credits" toward a land surveyor's license are based on your education and experience. You will need 8 years of combined education and experience for licensure. An Associate's is the minimum degree required; however, advanced degrees will require less experience

Examination

NCEES Fundamentals of Surveying and Principles of Surveying exams and New York State Specific Land Surveying exam.

Salary and Projected Growth

- Median salary: \$79,750 in NY
- Salary range: \$51,890-\$102,370;
Projected growth: below average

Where Could I Work?

- Architecture and Engineering firms
- Construction
- Government
- Self-employed
- Mining

Your Interests and Abilities

- Math and technology
- Data analysis
- Fieldwork
- Manual and technical skills

Professional Skills

- Analytical thinking
- Problem solving
- Attention to detail
- Dependability