

Consider a Career in Drafting & SURVEYING



Drafters and
Surveyors use
computer software,
measuring tools, and
other instruments to draw
blueprints or create maps

Architectural and Civil Drafters – Electrical and Electronics Drafters
– Mechanical Drafters – Surveyors – Cartographers and
Photogrammetrists – Surveying and Mapping Technicians

What do Drafters and Surveyors have to say about their work?

“My favorite part of the job is, once I’ve created a map, taking it outside and seeing that I’ve represented what the ground really looks like.

It gives me a great deal of satisfaction to see road designers accomplish their work, in no small part, because of the work I’ve done.”

-Dana Curtis, Survey Technician*

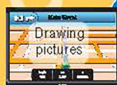




DRAFTING & SURVEYING



Do you enjoy...



Use equipment and graphic design to create engineering, architectural, geographic, construction, and other technical drawings

With a career in **Drafting and Surveying** you could...



Measure land features



Map cities



Sketch plans for machinery



Draw electrical diagrams

Drafters and surveyors survey sites, and produce plans and maps for many different reasons, which include:



Manufacturing products



Planning neighborhoods



Mineral exploration



Drafting and Surveying is in demand. Employment is expected to grow, with hundreds of new jobs being added over the next few years.

MYTH It's ONLY ABOUT DRAWING OR MAPPING.

REALITY Measuring designs or land IS ALSO PART OF THE JOB.



Useful classes to prepare for college...

Course	Prerequisite	Year
Math: Algebra, Calculus, Geometry, Trigonometry		Year 1
Physics		Year 1
Statistics		Year 1
Drafting		Year 1
Geography		Year 1
Computer-Assisted Design		Year 1

Math: Algebra, Calculus, Geometry, Trigonometry
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Statistics
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Geography
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After high school, here's the education you'll need to succeed:



The minimum education needed to work in drafting and surveying is a postsecondary certificate. More job opportunities will be available to those who get an associate or bachelor's degree.

Starting Salaries begin around

\$35,000-\$45,000 per year,



up to \$70,000

or MORE with several years experience.

Drafters and Surveyors *change the way we live*

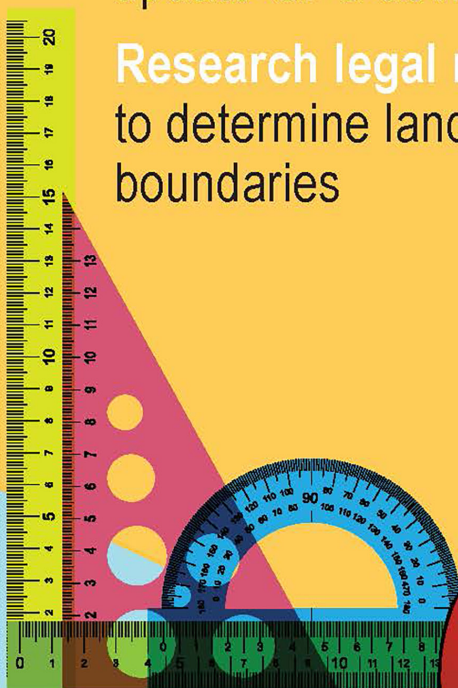
They...

Turn architectural designs into
building plans

Help visually represent demographic
areas

Measure geographic areas to
update GPS devices

Research legal records
to determine land
boundaries



Learn more about Drafting and Surveying

- Practice making blueprints using graphic design software
- Participate in geocaching
- Try activities that involve following specific instructions, like assembling furniture
- Interview someone about their job in drafting or surveying
- Research careers and find college and training program information on QualityInfo.org in the “Jobs & Careers” and “Training & Education” sections

Looking for more information on STEM occupations?

Contact Lmipubs@oregon.gov to order copies of the STEM brochure series, offered for the following occupations:

- | | |
|--------------------------------|--------------------|
| - Biological Science | - Health Care |
| - Computer Information Systems | - Mathematics |
| - Computer Science | - Physical Science |
| - Drafting and Surveying | - Social Science |
| - Engineering | |

You can also view these brochures at QualityInfo.org on the “Publications” page in the Posters & Brochures box.



The Oregon Employment Department is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Language assistance is available to persons with limited English proficiency at no cost.

El Departamento de Empleo de Oregon es un programa que respeta la igualdad de oportunidades. Disponemos de servicios o ayudas auxiliares, formatos alternos y asistencia de idiomas para personas con discapacidades o conocimiento limitado del inglés, a pedido y sin costo.