

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

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



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.”

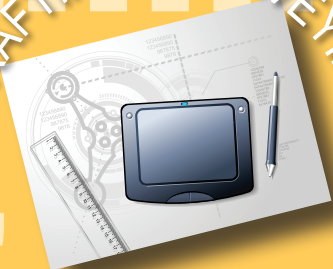
-Dana Curtis, Survey Technician*





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.*

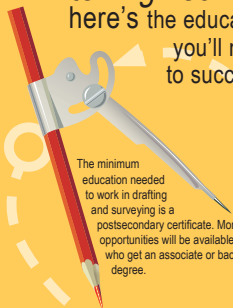
REALITY *Measuring designs or land IS ALSO PART OF THE JOB.*



Useful classes to *prepare for college...*

Student Transcript	
Math: Algebra, Calculus, Geometry, Trigonometry	SHS
Physics	
Statistics	
Drafting	
Geography	
Computer-Assisted Design	

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.

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

You can also view these brochures on the Publications page in the Posters & Brochures section at www.qualityinfo.org/pubs.



Need help?

The Oregon Employment Department (OED) is an equal opportunity agency. OED provides free help so you can use our services. Some examples are sign language and spoken-language interpreters, written materials in other languages, large print, audio, and other formats. To get help, please call 503-947-1444. TTY users call 711. You can also send an email to communications@employ.oregon.gov.

¿Necesita ayuda?

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