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

“...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

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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
- Engineering
- Social Science
- Engineering

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

Need help?
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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

Consider a Career in Drafting and Surveying

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.”

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DRAFTING & SURVEYING

Do you enjoy...

- Reading maps or charts
- Drawing pictures
- Analyzing data
- Solving problems
- Identifying patterns and trends
- Producing plans
- Sketching landscapes
- Creating designs

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

- Manufacturing products
- Planning neighborhoods
- Mineral exploration
- Manufacturing products
- Planning neighborhoods
- Mineral exploration

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

Drafting and Surveying is in demand

Employment is expected to grow, with hundreds of new jobs being added over the next few years.

Starting Salaries begin around $35,000-$45,000 per year, up to $70,000 or MORE with several years experience.

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

- Measure land features
- Map cities
- Sketch plans for machinery
- Draw electrical diagrams

Do you enjoy...

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

MYTH It’s ONLY ABOUT DRAWING OR MAPPING.

Useful classes to prepare for college...

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

Certified By: Derek McDoole Title: Principal

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.
Learn more about
Drafting and Surveying

– Practice making blueprints using graphic design software
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