



# CAREERS IN DRAFTING

## Instructions:

Using the WORD BANK provided on the second sheet, place the correct CAREER TITLE in the space provided...

Title of Career	Description of Career
<b>Drafters</b>	<i>use software to convert the designs of architects and engineers into technical drawings. Most workers specialize in architectural, civil, electrical, or mechanical drafting and use technical drawings to help design everything from microchips to skyscrapers.</i>
<b>Electrical Engineer</b>	<i>design, develop, test, and supervise the manufacturing of electrical equipment, such as electric motors, radar and navigation systems, communications systems, or power generation equipment.</i>
<b>Architect</b>	<i>plan and design houses, factories, office buildings, and other structures.</i>
<b>Naval Architect</b>	<i>responsible for the ship design, including the form, structure, and stability of hulls.</i>
<b>Land Surveyor</b>	<i>make precise measurements to determine property boundaries. They provide data relevant to the shape and contour of the Earth's surface for engineering, mapmaking, and construction projects.</i>
<b>Interior Designer</b>	<i>make interior spaces functional, safe, and beautiful by determining space requirements and selecting decorative items, such as colors, lighting, and materials. They read blueprints and must be aware of building codes and inspection regulations, as well as universal accessibility standards.</i>
<b>Urban &amp; Regional Planner</b>	<i>develop land use plans and programs that help create communities, accommodate population growth, and revitalize physical facilities in towns, cities, counties, and metropolitan areas.</i>
<b>Tool &amp; Die Maker</b>	<i>set up and operate a variety of computer-controlled and mechanically controlled machine tools to produce precision metal parts, instruments, and tools.</i>

**DFT 1\_Career Quiz**

Period: \_\_\_\_\_ Student Name: \_\_\_\_\_

<b>Civil Engineering</b>	<i>conceive, design, build, supervise, operate, construct and maintain infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment.</i>
<b>Aerospace Engineer</b>	<i>design primarily aircraft, spacecraft, satellites, and missiles. In addition, they create and test prototypes to make sure that they function according to design.</i>
<b>Set and Exhibit Designer</b>	<i>Design special exhibits and sets for film, video, television, and theater productions. May study scripts, confer with directors, and conduct research to determine appropriate architectural styles.</i>
<b>Surveying &amp; Mapping Technicians</b>	<i>collect data and make maps of the Earth's surface, visit sites to take measurements of the land, and use geographic data to create maps.</i>
<b>Building Contractor</b>	<i>responsible for the day-to-day oversight of a construction site, management of vendors and trades, and the communication of information to all involved parties throughout the course of a building project.</i>
<b>Industrial Designer</b>	<i>develop the concepts for manufactured products, such as cars, home appliances, and toys. They combine art, business, and engineering to make products that people use every day. They also consider the function, aesthetics, production costs, and usability of products when developing new product concepts.</i>
<b>Marine Engineering</b>	<i>design, build, and maintain ships, from aircraft carriers to submarines and from sailboats to tankers. They are also responsible for the internal systems of a ship, such as the propulsion, electrical, refrigeration, and steering systems.</i>
<b>Construction and Building Inspector</b>	<i>ensure that construction meets local and national building codes and ordinances, zoning regulations, and contract specifications.</i>
<b>Machinists</b>	<i>set up and operate a variety of computer-controlled and mechanically controlled machine tools to produce precision metal parts, instruments, and tools.</i>
<b>Mechanical Engineer</b>	<i>research, design, develop, build, and test mechanical and thermal sensors and devices, including tools, engines, and machines.</i>
<b>Landscape Architect</b>	<i>design parks and the outdoor spaces of campuses, recreational facilities, businesses, private homes, and other open spaces.</i>

Aerospace Engineer

Land Surveyor

Architect

Landscape Architect

Building Contractor

Machinists

Civil Engineering

Marine Engineering

Construction and Building Inspector

Mechanical Engineer

Drafters

Naval Architect

Drafting Teacher

Set and Exhibit Designer

Electrical Engineer

Surveying &amp; Mapping Technicians

Industrial Designer

Tool &amp; Die Maker

Interior Designer

Urban &amp; Regional Planner