



# 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
	<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>
	<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>
	<i>plan and design houses, factories, office buildings, and other structures.</i>
	<i>responsible for the ship design, including the form, structure, and stability of hulls.</i>
	<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>
	<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>
	<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>
	<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: \_\_\_\_\_**

	<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>
	<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>
	<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>
	<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>
	<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>
	<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>
	<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>
	<i>ensure that construction meets local and national building codes and ordinances, zoning regulations, and contract specifications.</i>
	<i>set up and operate a variety of computer-controlled and mechanically controlled machine tools to produce precision metal parts, instruments, and tools.</i>
	<i>research, design, develop, build, and test mechanical and thermal sensors and devices, including tools, engines, and machines.</i>
	<i>design parks and the outdoor spaces of campuses, recreational facilities, businesses, private homes, and other open spaces.</i>

Aerospace Engineer

Architect

Building Contractor

Civil Engineering

Construction and Building Inspector

Drafters

Drafting Teacher

Electrical Engineer

Industrial Designer

Interior Designer

Land Surveyor

Landscape Architect

Machinists

Marine Engineering

Mechanical Engineer

Naval Architect

Set and Exhibit Designer

Surveying & Mapping Technicians

Tool & Die Maker

Urban & Regional Planner