

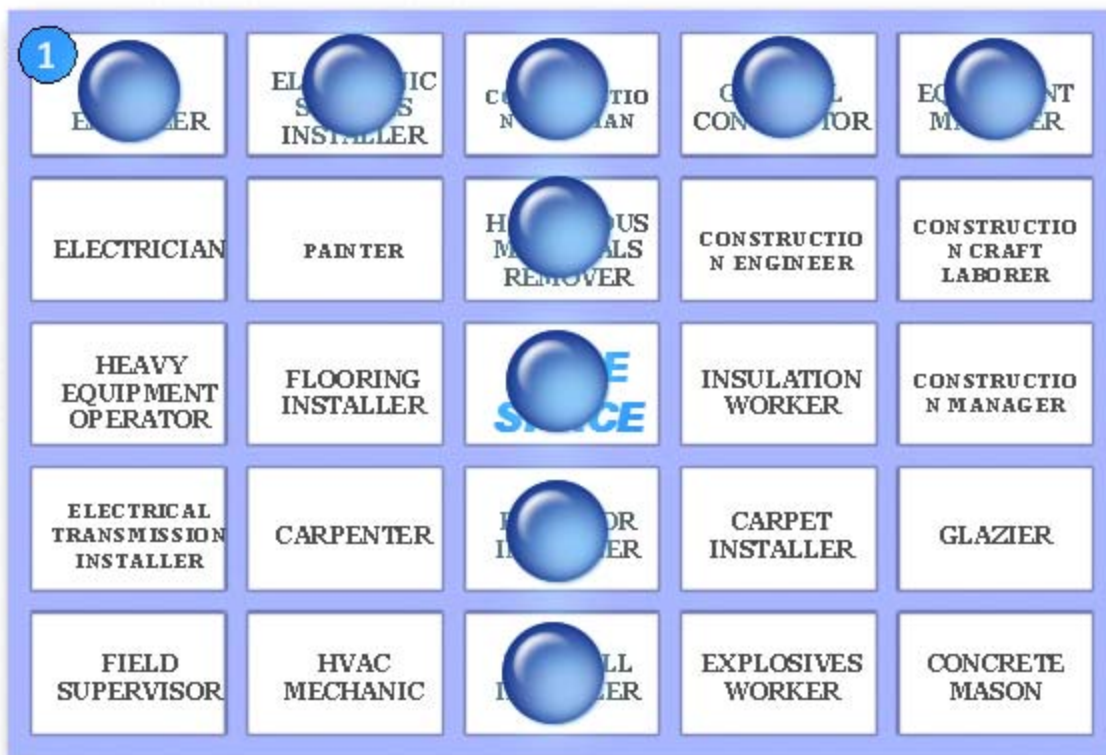
BINGO
Careers in Engineering
CTAE Resource Network, Curriculum Office
September, 2009

Directions for the Instructor

1. Print the bingo cards. Twenty six different cards are included. Print additional cards at random if needed. Cut each sheet to separate the cards. Cards may be laminated for durability.
2. Give each student a bingo card and chips, markers, or scrap paper. If paper is to be used, ask students to tear or cut 25 pieces of paper about one-half inch square. If the cards have been laminated, students can mark their cards with erasable markers.
3. Explain to the students that you will read the definitions to the class and that they should mark the correct answer on their card. Note that all cards do not have all the answers.
4. At random, read ONLY the definitions from the list. Mark the checkbox beside the definitions as they are used. The student should place a chip on the cell with the correct response.
5. When a student has placed chips on 5 spaces in a row (diagonally, vertically, or horizontally) the student should call "Bingo". Ask the winning student to call out their answers. Check their answers to make sure those definitions have been used.

Variations:

- T-Bingo: The card must be marked in the shape of a "T" to call Bingo.














•Corners Bingo: The four outer corners of the card must be marked to get Bingo.


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	ELECTRONIC SYSTEMS INSTALLER	CONSTRUCTION FOREMAN	GENERAL CONTRACTOR	EQUIPMENT MANAGER
ELECTRICIAN	PAINTER	HAZARDOUS MATERIALS REMOVER	CONSTRUCTION ENGINEER	CONSTRUCTION CRAFT LABORER
HEAVY EQUIPMENT OPERATOR	FLOORING INSTALLER	FREE SPACE	INSULATION WORKER	CONSTRUCTION MANAGER
ELECTRICAL TRANSMISSION INSTALLER	CARPENTER	ELEVATOR INSTALLER	CARPET INSTALLER	GLAZIER
SUPERVISOR	HVAC MECHANIC	DRYWALL INSTALLER	EXPLOSIVES WORKER	CONCRETE MASON


•U-Bingo: The card must be marked in the shape of a “U” to call Bingo.

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CIVIL ENGINEER		CONSTRUCTION FOREMAN		EQUIPMENT MANAGER
ELECTRICIAN		HAZARDOUS MATERIALS REMOVER		CONSTRUCTION CRAFT LABORER
HEAVY EQUIPMENT OPERATOR		FREE SPACE		CONSTRUCTION MANAGER
ELECTRICAL TRANSMISSION INSTALLER		ELEVATOR INSTALLER		GLAZIER
FIELD SUPERVISOR				CONCRETE MASON

Correct Response	Definition	Used 
Acoustical Engineer	Plans, improves, or perfects the sound of an architectural place. Works with sounds such as sonar and radar.	
Aerospace Engineer	Designs, develops, tests, and supervises manufacture of aircraft, spacecraft, and missiles.	
Agricultural Engineer	Applies knowledge of engineering technology and science to agriculture and the efficient use of biological resources.	
Automotive Engineer	Is responsible for designing the mechanical aspects to complete the system or product envisioned by the automotive designer.	
Biomedical Engineer	Develops devices and procedures that solve medical problems by combining knowledge of biology and medicine with engineering principles.	
Chemical Engineer	Applies the principles of chemistry to solve problems involving the production or use of chemicals and biochemicals.	
Civil Engineer	Designs and supervises the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems.	
Computer Hardware Engineer	Researches, designs, develops, tests, and oversees the manufacture of computer hardware.	
Construction Engineer	Is concerned with the management and operations of construction projects, as well as the improvement of construction methods and materials.	
Electrical Engineer	Designs, develops, tests, or supervises the manufacture of electrical equipment, components, or systems for public, commercial, industrial, military, or scientific use.	
Electronics Engineer	Is responsible for a wide range of electronic technologies, from portable music players to global positioning systems (GPS).	
Environmental Engineer	Is responsible for the treatment of chemical, biological, and thermal waste, the purification of water and air, and the remediation of contaminated sites.	

Correct Response	Definition	Used 
Fire Protection Engineer	Works to prevent loss of life and property by fires through product and system design, building inspection, and education.	
Genetic Engineer	Manipulates the genetic material in the cells of plants, animals, and other living organisms to develop better products, medicines, and services.	
Geological Engineer	Finds and coordinates the extraction, transportation, and preparation of coal, metals, and minerals for use by manufacturing industries and utilities.	
Health & Safety Engineer	Prevents harm to people and property by applying knowledge of systems engineering and mechanical, chemical, and human performance principles.	
Industrial Engineer	Determines the most effective ways to use the basic factors of production—people, machines, materials, information, and energy—to make a product or provide a service.	
Manufacturing Engineer	Plans, directs, and coordinates elements of design, materials, and manufacturing processes in industrial plants, working to produce a product while maintaining safety, standards, and product quality.	
Marine Engineer	Is involved in the design, construction, and maintenance of ships, boats, and related marine equipment.	
Materials Engineer	Is involved in the development, processing, and testing of the materials used to create a range of products, from computer chips to snow skis.	
Mechanical Engineer	Researches, designs, develops, tests, supervises the manufacture of tools, engines, machines, and other mechanical devices.	
Mining Engineer	Locates and supervises the extraction of coal, metals, and minerals for use by manufacturing industries and utilities.	
Nuclear Engineer	Researches, designs, and develops the processes, instruments, and systems used to derive benefits from nuclear energy and radiation.	
Petroleum Engineer	Searches for geological reservoirs of oil and natural gas, determines drilling methods to be used, and monitors drilling and production operations.	

Correct Response	Definition	Used 
Robotics Engineer	Designs, tests, and builds robots and automated systems that are productive, safe, efficient, and economical to maintain.	
Software Engineer	Analyzes user needs, designs, constructs, tests, troubleshoots, and maintains software or systems.	
Structural Engineer	Performs engineering duties in the planning, designing, construction, and continued structural integrity of bridges, parking decks, office buildings, etc.	
Test Engineer	Responsible for the design, development, and implementation of testing methods and equipment, particularly for the military and aerospace industry.	

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AUTOMOTIVE ENGINEER	FIRE PROTECTION ENGINEER	COMPUTER HARDWARE ENGINEER	MARINE ENGINEER	GEOLOGICAL ENGINEER
ENVIRONMENTAL ENGINEER	ACOUSTICAL ENGINEER	MECHANICAL ENGINEER	CIVIL ENGINEER	CHEMICAL ENGINEER
MINING ENGINEER	MANUFACTURING ENGINEER	FREE SPACE	PETROLEUM ENGINEER	CONSTRUCTION ENGINEER
ELECTRONICS ENGINEER	AEROSPACE ENGINEER	GENETIC ENGINEER	AGRICULTURAL ENGINEER	MATERIALS ENGINEER
INDUSTRIAL ENGINEER	NUCLEAR ENGINEER	ELECTRICAL ENGINEER	HEALTH & SAFETY ENGINEER	BIOMEDICAL ENGINEER

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ACOUSTICAL ENGINEER	ENVIRONMENTAL ENGINEER	ROBOTICS ENGINEER	HEALTH & SAFETY ENGINEER	ELECTRONICS ENGINEER
CONSTRUCTION ENGINEER	MINING ENGINEER	COMPUTER HARDWARE ENGINEER	MATERIALS ENGINEER	PETROLEUM ENGINEER
INDUSTRIAL ENGINEER	CHEMICAL ENGINEER	FREE SPACE	TEST ENGINEER	CIVIL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	MECHANICAL ENGINEER	GENETIC ENGINEER	MARINE ENGINEER
FIRE PROTECTION ENGINEER	NUCLEAR ENGINEER	MANUFACTURING ENGINEER	SOFTWARE ENGINEER	GEOLOGICAL ENGINEER

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AUTOMOTIVE ENGINEER	COMPUTER HARDWARE ENGINEER	MANUFACTURING ENGINEER	ELECTRONICS ENGINEER	AGRICULTURAL ENGINEER
INDUSTRIAL ENGINEER	ENVIRONMENTAL ENGINEER	HEALTH & SAFETY ENGINEER	AEROSPACE ENGINEER	GENETIC ENGINEER
MARINE ENGINEER	CIVIL ENGINEER	FREE SPACE	FIRE PROTECTION ENGINEER	PETROLEUM ENGINEER
CONSTRUCTION ENGINEER	NUCLEAR ENGINEER	ACOUSTICAL ENGINEER	MECHANICAL ENGINEER	BIOMEDICAL ENGINEER
MATERIALS ENGINEER	CHEMICAL ENGINEER	MINING ENGINEER	ELECTRICAL ENGINEER	GEOLOGICAL ENGINEER

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MATERIALS ENGINEER	GEOLOGICAL ENGINEER	CONSTRUCTION ENGINEER	SOFTWARE ENGINEER	HEALTH & SAFETY ENGINEER
ROBOTICS ENGINEER	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	STRUCTURAL ENGINEER	MINING ENGINEER
MARINE ENGINEER	COMPUTER HARDWARE ENGINEER	FREE SPACE	TEST ENGINEER	ELECTRONICS ENGINEER
CIVIL ENGINEER	GENETIC ENGINEER	NUCLEAR ENGINEER	ENVIRONMENTAL ENGINEER	MANUFACTURING ENGINEER
PETROLEUM ENGINEER	CHEMICAL ENGINEER	FIRE PROTECTION ENGINEER	INDUSTRIAL ENGINEER	ACOUSTICAL ENGINEER

5	COMPUTER HARDWARE ENGINEER	AEROSPACE ENGINEER	MARINE ENGINEER	GENETIC ENGINEER	AGRI- CULTURAL ENGINEER
	ACOUSTICAL ENGINEER	MANU- FACTURING ENGINEER	CONSTRUCTION ENGINEER	MATERIALS ENGINEER	FIRE PROTECTION ENGINEER
	PETROLEUM ENGINEER	INDUSTRIAL ENGINEER	FREE SPACE	AUTOMOTIVE ENGINEER	ENVIRON- MENTAL ENGINEER
	CIVIL ENGINEER	MINING ENGINEER	BIOMEDICAL ENGINEER	GEOLOGICAL ENGINEER	MECHANICAL ENGINEER
	CHEMICAL ENGINEER	NUCLEAR ENGINEER	HEALTH & SAFETY ENGINEER	ELECTRICAL ENGINEER	ELECTRONICS ENGINEER

6	SOFTWARE ENGINEER	COMPUTER HARDWARE ENGINEER	MINING ENGINEER	ELECTRICAL ENGINEER	MARINE ENGINEER
	MECHANICAL ENGINEER	GEOLOGICAL ENGINEER	GENETIC ENGINEER	ACOUSTICAL ENGINEER	FIRE PROTECTION ENGINEER
	MATERIALS ENGINEER	TEST ENGINEER	FREE SPACE	CONSTRUCTION ENGINEER	MANU- FACTURING ENGINEER
	HEALTH & SAFETY ENGINEER	CIVIL ENGINEER	NUCLEAR ENGINEER	ELECTRONICS ENGINEER	ROBOTICS ENGINEER
	CHEMICAL ENGINEER	STRUCTURAL ENGINEER	INDUSTRIAL ENGINEER	PETROLEUM ENGINEER	ENVIRON- MENTAL ENGINEER

7	INDUSTRIAL ENGINEER	NUCLEAR ENGINEER	AUTOMOTIVE ENGINEER	MARINE ENGINEER	ELECTRICAL ENGINEER
	BIOMEDICAL ENGINEER	CONSTRUCTION ENGINEER	PETROLEUM ENGINEER	GENETIC ENGINEER	GEOLOGICAL ENGINEER
	ENVIRONMENTAL ENGINEER	MINING ENGINEER	FREE SPACE	AEROSPACE ENGINEER	ACOUSTICAL ENGINEER
	CHEMICAL ENGINEER	MECHANICAL ENGINEER	FIRE PROTECTION ENGINEER	MANUFACTURING ENGINEER	CIVIL ENGINEER
	MATERIALS ENGINEER	HEALTH & SAFETY ENGINEER	AGRICULTURAL ENGINEER	ELECTRONICS ENGINEER	COMPUTER HARDWARE ENGINEER

8	FIRE PROTECTION ENGINEER	SOFTWARE ENGINEER	MATERIALS ENGINEER	ELECTRONICS ENGINEER	PETROLEUM ENGINEER
	NUCLEAR ENGINEER	ENVIRONMENTAL ENGINEER	CIVIL ENGINEER	ACOUSTICAL ENGINEER	INDUSTRIAL ENGINEER
	ELECTRICAL ENGINEER	MARINE ENGINEER	FREE SPACE	MANUFACTURING ENGINEER	ROBOTICS ENGINEER
	MINING ENGINEER	GEOLOGICAL ENGINEER	CONSTRUCTION ENGINEER	TEST ENGINEER	CHEMICAL ENGINEER
	GENETIC ENGINEER	STRUCTURAL ENGINEER	COMPUTER HARDWARE ENGINEER	MECHANICAL ENGINEER	HEALTH & SAFETY ENGINEER

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AUTOMOTIVE ENGINEER	FIRE PROTECTION ENGINEER	GEOLOGICAL ENGINEER	PETROLEUM ENGINEER	ELECTRONICS ENGINEER
MANUFACTURING ENGINEER	CIVIL ENGINEER	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	ACOUSTICAL ENGINEER
BIOMEDICAL ENGINEER	MINING ENGINEER	<i>FREE SPACE</i>	MARINE ENGINEER	AEROSPACE ENGINEER
GENETIC ENGINEER	COMPUTER HARDWARE ENGINEER	NUCLEAR ENGINEER	CONSTRUCTION ENGINEER	AGRICULTURAL ENGINEER
CHEMICAL ENGINEER	MATERIALS ENGINEER	ENVIRONMENTAL ENGINEER	INDUSTRIAL ENGINEER	HEALTH & SAFETY ENGINEER

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GEOLOGICAL ENGINEER	NUCLEAR ENGINEER	PETROLEUM ENGINEER	MINING ENGINEER	ENVIRONMENTAL ENGINEER
CONSTRUCTION ENGINEER	STRUCTURAL ENGINEER	INDUSTRIAL ENGINEER	TEST ENGINEER	COMPUTER HARDWARE ENGINEER
ELECTRICAL ENGINEER	MARINE ENGINEER	<i>FREE SPACE</i>	MANUFACTURING ENGINEER	ELECTRONICS ENGINEER
CHEMICAL ENGINEER	ACOUSTICAL ENGINEER	HEALTH & SAFETY ENGINEER	SOFTWARE ENGINEER	CIVIL ENGINEER
GENETIC ENGINEER	MATERIALS ENGINEER	ROBOTICS ENGINEER	MECHANICAL ENGINEER	FIRE PROTECTION ENGINEER

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AGRI-CULTURAL ENGINEER	BIOMEDICAL ENGINEER	INDUSTRIAL ENGINEER	AEROSPACE ENGINEER	FIRE PROTECTION ENGINEER
MATERIALS ENGINEER	ENVI-RONMENTAL ENGINEER	HEALTH & SAFETY ENGINEER	CHEMICAL ENGINEER	CONSTRUCTION ENGINEER
ELECTRONICS ENGINEER	ELECTRICAL ENGINEER	<i>FREE SPACE</i>	NUCLEAR ENGINEER	GENETIC ENGINEER
PETROLEUM ENGINEER	MANU-FACTURING ENGINEER	MECHANICAL ENGINEER	CIVIL ENGINEER	ACOUSTICAL ENGINEER
MARINE ENGINEER	AUTOMOTIVE ENGINEER	GEOLOGICAL ENGINEER	COMPUTER HARDWARE ENGINEER	MINING ENGINEER

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NUCLEAR ENGINEER	MANU-FACTURING ENGINEER	GEOLOGICAL ENGINEER	CONSTRUCTION ENGINEER	MATERIALS ENGINEER
ROBOTICS ENGINEER	CHEMICAL ENGINEER	COMPUTER HARDWARE ENGINEER	PETROLEUM ENGINEER	MARINE ENGINEER
CIVIL ENGINEER	GENETIC ENGINEER	<i>FREE SPACE</i>	ELECTRONICS ENGINEER	ELECTRICAL ENGINEER
FIRE PROTECTION ENGINEER	STRUCTURAL ENGINEER	TEST ENGINEER	ACOUSTICAL ENGINEER	HEALTH & SAFETY ENGINEER
SOFTWARE ENGINEER	ENVIRON-MENTAL ENGINEER	INDUSTRIAL ENGINEER	MINING ENGINEER	MECHANICAL ENGINEER

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GEOLOGICAL ENGINEER	MANUFACTURING ENGINEER	COMPUTER HARDWARE ENGINEER	CONSTRUCTION ENGINEER	ELECTRICAL ENGINEER
HEALTH & SAFETY ENGINEER	INDUSTRIAL ENGINEER	CIVIL ENGINEER	CHEMICAL ENGINEER	ELECTRONICS ENGINEER
PETROLEUM ENGINEER	MARINE ENGINEER	<i>FREE SPACE</i>	BIOMEDICAL ENGINEER	ENVIRONMENTAL ENGINEER
NUCLEAR ENGINEER	MATERIALS ENGINEER	ACOUSTICAL ENGINEER	AUTOMOTIVE ENGINEER	FIRE PROTECTION ENGINEER
MINING ENGINEER	MECHANICAL ENGINEER	AEROSPACE ENGINEER	AGRICULTURAL ENGINEER	GENETIC ENGINEER

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SOFTWARE ENGINEER	FIRE PROTECTION ENGINEER	MECHANICAL ENGINEER	ENVIRONMENTAL ENGINEER	MINING ENGINEER
ELECTRONICS ENGINEER	STRUCTURAL ENGINEER	MATERIALS ENGINEER	NUCLEAR ENGINEER	ELECTRICAL ENGINEER
INDUSTRIAL ENGINEER	HEALTH & SAFETY ENGINEER	<i>FREE SPACE</i>	GEOLOGICAL ENGINEER	GENETIC ENGINEER
CONSTRUCTION ENGINEER	PETROLEUM ENGINEER	MARINE ENGINEER	TEST ENGINEER	COMPUTER HARDWARE ENGINEER
ROBOTICS ENGINEER	CIVIL ENGINEER	MANUFACTURING ENGINEER	CHEMICAL ENGINEER	ACOUSTICAL ENGINEER

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ENVIRONMENTAL ENGINEER	CHEMICAL ENGINEER	MANUFACTURING ENGINEER	BIOMEDICAL ENGINEER	MARINE ENGINEER
CIVIL ENGINEER	INDUSTRIAL ENGINEER	PETROLEUM ENGINEER	FIRE PROTECTION ENGINEER	AUTOMOTIVE ENGINEER
GENETIC ENGINEER	ELECTRONICS ENGINEER	<i>FREE SPACE</i>	MECHANICAL ENGINEER	MATERIALS ENGINEER
COMPUTER HARDWARE ENGINEER	NUCLEAR ENGINEER	AEROSPACE ENGINEER	CONSTRUCTION ENGINEER	AGRICULTURAL ENGINEER
ACOUSTICAL ENGINEER	MINING ENGINEER	HEALTH & SAFETY ENGINEER	ELECTRICAL ENGINEER	GEOLOGICAL ENGINEER

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INDUSTRIAL ENGINEER	COMPUTER HARDWARE ENGINEER	MINING ENGINEER	MANUFACTURING ENGINEER	FIRE PROTECTION ENGINEER
ELECTRICAL ENGINEER	SOFTWARE ENGINEER	MECHANICAL ENGINEER	ACOUSTICAL ENGINEER	CIVIL ENGINEER
ROBOTICS ENGINEER	CONSTRUCTION ENGINEER	<i>FREE SPACE</i>	CHEMICAL ENGINEER	MATERIALS ENGINEER
TEST ENGINEER	GEOLOGICAL ENGINEER	PETROLEUM ENGINEER	GENETIC ENGINEER	ELECTRONICS ENGINEER
HEALTH & SAFETY ENGINEER	NUCLEAR ENGINEER	ENVIRONMENTAL ENGINEER	MARINE ENGINEER	STRUCTURAL ENGINEER

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**CONSTRUCTION
ENGINEER**

**MATERIALS
ENGINEER**

**FIRE
PROTECTION
ENGINEER**

**COMPUTER
HARDWARE
ENGINEER**

**AGRI-
CULTURAL
ENGINEER**

**MECHANICAL
ENGINEER**

**BIOMEDICAL
ENGINEER**

**ACOUSTICAL
ENGINEER**

**MINING
ENGINEER**

**MANU-
FACTURING
ENGINEER**

**ELECTRICAL
ENGINEER**

**GENETIC
ENGINEER**

*FREE
SPACE*

**PETROLEUM
ENGINEER**

**INDUSTRIAL
ENGINEER**

**AUTOMOTIVE
ENGINEER**

**CHEMICAL
ENGINEER**

**MARINE
ENGINEER**

**CIVIL
ENGINEER**

**NUCLEAR
ENGINEER**

**ELECTRONICS
ENGINEER**

**GEOLOGICAL
ENGINEER**

**ENVIRON-
MENTAL
ENGINEER**

**AEROSPACE
ENGINEER**

**HEALTH &
SAFETY
ENGINEER**

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**MINING
ENGINEER**

**ELECTRICAL
ENGINEER**

**HEALTH &
SAFETY
ENGINEER**

**GEOLOGICAL
ENGINEER**

**STRUCTURAL
ENGINEER**

**CONSTRUCTION
ENGINEER**

**ACOUSTICAL
ENGINEER**

**MANU-
FACTURING
ENGINEER**

**NUCLEAR
ENGINEER**

**COMPUTER
HARDWARE
ENGINEER**

**MECHANICAL
ENGINEER**

**ELECTRONICS
ENGINEER**

*FREE
SPACE*

**GENETIC
ENGINEER**

**FIRE
PROTECTION
ENGINEER**

**SOFTWARE
ENGINEER**

**ENVIRON-
MENTAL
ENGINEER**

**PETROLEUM
ENGINEER**

**CIVIL
ENGINEER**

**TEST
ENGINEER**

**INDUSTRIAL
ENGINEER**

**ROBOTICS
ENGINEER**

**CHEMICAL
ENGINEER**

**MATERIALS
ENGINEER**

**MARINE
ENGINEER**

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CHEMICAL ENGINEER	ENVIRONMENTAL ENGINEER	GENETIC ENGINEER	BIOMEDICAL ENGINEER	MANUFACTURING ENGINEER
MECHANICAL ENGINEER	AEROSPACE ENGINEER	PETROLEUM ENGINEER	CONSTRUCTION ENGINEER	ELECTRONICS ENGINEER
MINING ENGINEER	COMPUTER HARDWARE ENGINEER	<i>FREE SPACE</i>	MARINE ENGINEER	AGRICULTURAL ENGINEER
ACOUSTICAL ENGINEER	MATERIALS ENGINEER	HEALTH & SAFETY ENGINEER	INDUSTRIAL ENGINEER	GEOLOGICAL ENGINEER
FIRE PROTECTION ENGINEER	CIVIL ENGINEER	NUCLEAR ENGINEER	AUTOMOTIVE ENGINEER	ELECTRICAL ENGINEER

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MATERIALS ENGINEER	SOFTWARE ENGINEER	FIRE PROTECTION ENGINEER	MANUFACTURING ENGINEER	COMPUTER HARDWARE ENGINEER
TEST ENGINEER	ELECTRICAL ENGINEER	HEALTH & SAFETY ENGINEER	ACOUSTICAL ENGINEER	CIVIL ENGINEER
CHEMICAL ENGINEER	CONSTRUCTION ENGINEER	<i>FREE SPACE</i>	ENVIRONMENTAL ENGINEER	GEOLOGICAL ENGINEER
GENETIC ENGINEER	STRUCTURAL ENGINEER	MECHANICAL ENGINEER	ROBOTICS ENGINEER	PETROLEUM ENGINEER
MINING ENGINEER	INDUSTRIAL ENGINEER	ELECTRONICS ENGINEER	MARINE ENGINEER	NUCLEAR ENGINEER

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AUTOMOTIVE ENGINEER	ELECTRONICS ENGINEER	CIVIL ENGINEER	CONSTRUCTION ENGINEER	ACOUSTICAL ENGINEER
FIRE PROTECTION ENGINEER	MECHANICAL ENGINEER	INDUSTRIAL ENGINEER	NUCLEAR ENGINEER	GEOLOGICAL ENGINEER
BIOMEDICAL ENGINEER	MATERIALS ENGINEER	FREE SPACE	MARINE ENGINEER	CHEMICAL ENGINEER
HEALTH & SAFETY ENGINEER	PETROLEUM ENGINEER	MANUFACTURING ENGINEER	MINING ENGINEER	GENETIC ENGINEER
AEROSPACE ENGINEER	ELECTRICAL ENGINEER	COMPUTER HARDWARE ENGINEER	ENVIRONMENTAL ENGINEER	AGRICULTURAL ENGINEER

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NUCLEAR ENGINEER	ELECTRONICS ENGINEER	CHEMICAL ENGINEER	MARINE ENGINEER	SOFTWARE ENGINEER
ACOUSTICAL ENGINEER	GENETIC ENGINEER	ROBOTICS ENGINEER	MATERIALS ENGINEER	INDUSTRIAL ENGINEER
ENVIRONMENTAL ENGINEER	FIRE PROTECTION ENGINEER	FREE SPACE	CONSTRUCTION ENGINEER	MANUFACTURING ENGINEER
MINING ENGINEER	TEST ENGINEER	ELECTRICAL ENGINEER	MECHANICAL ENGINEER	STRUCTURAL ENGINEER
CIVIL ENGINEER	GEOLOGICAL ENGINEER	PETROLEUM ENGINEER	COMPUTER HARDWARE ENGINEER	HEALTH & SAFETY ENGINEER

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CONSTRUCTION ENGINEER	ACOUSTICAL ENGINEER	HEALTH & SAFETY ENGINEER	ENVIRONMENTAL ENGINEER	MATERIALS ENGINEER
MARINE ENGINEER	AEROSPACE ENGINEER	MINING ENGINEER	AUTOMOTIVE ENGINEER	BIOMEDICAL ENGINEER
INDUSTRIAL ENGINEER	MANUFACTURING ENGINEER	FREE SPACE	PETROLEUM ENGINEER	CIVIL ENGINEER
COMPUTER HARDWARE ENGINEER	ELECTRONICS ENGINEER	GENETIC ENGINEER	AGRICULTURAL ENGINEER	FIRE PROTECTION ENGINEER
ELECTRICAL ENGINEER	NUCLEAR ENGINEER	MECHANICAL ENGINEER	CHEMICAL ENGINEER	GEOLOGICAL ENGINEER

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CHEMICAL ENGINEER	MATERIALS ENGINEER	ELECTRONICS ENGINEER	NUCLEAR ENGINEER	GEOLOGICAL ENGINEER
MECHANICAL ENGINEER	TEST ENGINEER	HEALTH & SAFETY ENGINEER	PETROLEUM ENGINEER	ACOUSTICAL ENGINEER
CIVIL ENGINEER	MARINE ENGINEER	FREE SPACE	GENETIC ENGINEER	FIRE PROTECTION ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ROBOTICS ENGINEER	COMPUTER HARDWARE ENGINEER	MINING ENGINEER
SOFTWARE ENGINEER	INDUSTRIAL ENGINEER	ENVIRONMENTAL ENGINEER	MANUFACTURING ENGINEER	CONSTRUCTION ENGINEER

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CIVIL ENGINEER	GEOLOGICAL ENGINEER	MATERIALS ENGINEER	CONSTRUCTION ENGINEER	ENVIRONMENTAL ENGINEER
MINING ENGINEER	AEROSPACE ENGINEER	GENETIC ENGINEER	MARINE ENGINEER	ELECTRONICS ENGINEER
HEALTH & SAFETY ENGINEER	NUCLEAR ENGINEER	<i>FREE SPACE</i>	AGRICULTURAL ENGINEER	MECHANICAL ENGINEER
COMPUTER HARDWARE ENGINEER	CHEMICAL ENGINEER	PETROLEUM ENGINEER	ELECTRICAL ENGINEER	MANUFACTURING ENGINEER
ACOUSTICAL ENGINEER	INDUSTRIAL ENGINEER	FIRE PROTECTION ENGINEER	AUTOMOTIVE ENGINEER	BIOMEDICAL ENGINEER

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NUCLEAR ENGINEER	MANUFACTURING ENGINEER	TEST ENGINEER	ELECTRONICS ENGINEER	INDUSTRIAL ENGINEER
COMPUTER HARDWARE ENGINEER	HEALTH & SAFETY ENGINEER	CIVIL ENGINEER	MINING ENGINEER	ENVIRONMENTAL ENGINEER
PETROLEUM ENGINEER	ACOUSTICAL ENGINEER	<i>FREE SPACE</i>	MECHANICAL ENGINEER	STRUCTURAL ENGINEER
GEOLOGICAL ENGINEER	MARINE ENGINEER	GENETIC ENGINEER	ELECTRICAL ENGINEER	FIRE PROTECTION ENGINEER
ROBOTICS ENGINEER	CHEMICAL ENGINEER	MATERIALS ENGINEER	SOFTWARE ENGINEER	CONSTRUCTION ENGINEER

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GENETIC ENGINEER	FIRE PROTECTION ENGINEER	AGRI-CULTURAL ENGINEER	AEROSPACE ENGINEER	ELECTRICAL ENGINEER
AUTOMOTIVE ENGINEER	MINING ENGINEER	NUCLEAR ENGINEER	ACOUSTICAL ENGINEER	CONSTRUCTION ENGINEER
PETROLEUM ENGINEER	ENVIRONMENTAL ENGINEER	FREE SPACE	HEALTH & SAFETY ENGINEER	INDUSTRIAL ENGINEER
BIOMEDICAL ENGINEER	MATERIALS ENGINEER	CHEMICAL ENGINEER	GEOLOGICAL ENGINEER	COMPUTER HARDWARE ENGINEER
MECHANICAL ENGINEER	ELECTRONICS ENGINEER	MARINE ENGINEER	MANUFACTURING ENGINEER	CIVIL ENGINEER

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MARINE ENGINEER	MATERIALS ENGINEER	ROBOTICS ENGINEER	CONSTRUCTION ENGINEER	MINING ENGINEER
SOFTWARE ENGINEER	GEOLOGICAL ENGINEER	HEALTH & SAFETY ENGINEER	ELECTRICAL ENGINEER	ACOUSTICAL ENGINEER
CHEMICAL ENGINEER	CIVIL ENGINEER	FREE SPACE	NUCLEAR ENGINEER	ENVIRONMENTAL ENGINEER
STRUCTURAL ENGINEER	GENETIC ENGINEER	TEST ENGINEER	INDUSTRIAL ENGINEER	ELECTRONICS ENGINEER
MANUFACTURING ENGINEER	MECHANICAL ENGINEER	COMPUTER HARDWARE ENGINEER	PETROLEUM ENGINEER	FIRE PROTECTION ENGINEER