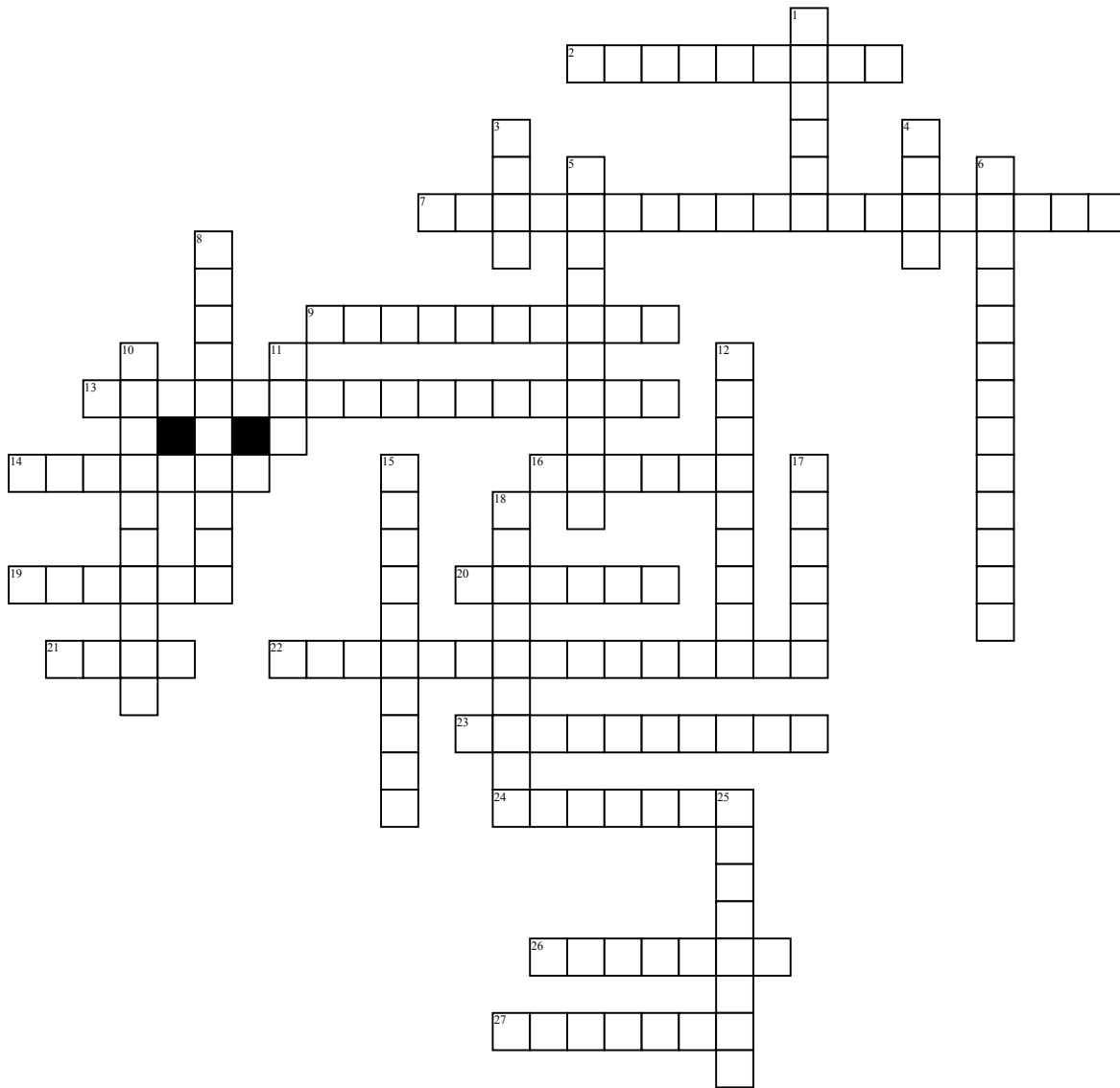


Engineering Careers



Across

2. Help find oil and gas to help meet a country's needs.

7. Responsible for research, design, development and production of communication systems.

9. Involved in designing aircraft and propulsion systems and study the aerodynamic performance for aircraft and construction materials.

13. Oversee projects, communicate design ideas to other professionals, and are sometimes in charge of construction budgets.

14. Responsible for making sure that engineering and manufacturing processes are performed correctly using the right tools, materials and processes

16. Design the mechanical systems, such as propulsion and power, of water craft.

19. Research and develop ideas for new products and the systems that are used to make them.

20. Designing and overseeing the installation of telecommunications equipment and facilities.

21. Use machines to produce medical images of a patient's body.

22. In charge of implementing treatment, in addition to performing recycling when possible.

23. Combine engineering principles with medical and biological sciences to design and create equipment used in healthcare.

24. Research and develop processes, instruments, and systems used to derive benefits from nuclear energy and radiation.

26. Civil engineer who works for a utility company.

27. Provide solutions to complex and routine engineering needs for all sizes of enterprises.

Down

1. Design and develop ideas for new products and the systems that are used to make them.

3. Design and develop computer applications using the Java programming language.

4. Design and install maintenance and repair of heating, ventilation, air conditioning, cooling and refrigeration systems.

5. Designs new electrical systems, solves problems and tests equipment

6. Responsible for leading scientific research enabling manufacture of innovative divide architectures coupled with the architectures.

8. Manages, inspects, calibrates, tests, and modifies things used to manufacture various products.

10. Direct clean-up and environment assessments where pollution occurs.

11. Work indoors when taking care of animals and work outside when they are observing animals.

12. Create satellite command systems that remotely control satellite activities from ground stations and develop software that will support the operations of a particular mission, and monitor satellites for problems.

15. Find ways to eliminate wastefulness in production processes.

17. Member of an aircraft's flight crew that monitors and operates complex aircraft systems

18. Make sure a company's operations, such as manufacturing and shipping, work properly and meet factory and management standards.

25. Design robotic systems and research methods to manufacture them economically.