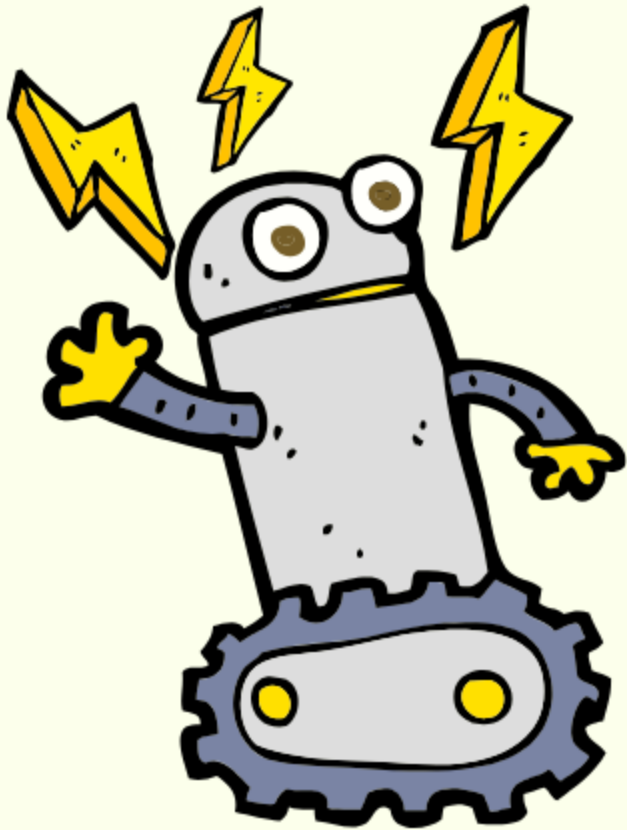


MOBILE ROBOTICS



Due to improvements in computers and the increasing use of robots, companies must now be able to access and apply these emerging technologies in the design and manufacture of products to remain competitive.

The ability to prove that the basic design works, called rapid prototyping, and concurrent engineering, the process in which a design is evaluated and modified by a team, are two of the new methods that industry uses to reduce the time and cost of bringing new products to market.

To work with robots, it is essential that you are a team-player and have strong interpersonal communication skills, several employees must co-ordinate their efforts to complete each project. As complex designs are common, you need acute problem-solving and trouble-shooting abilities. To avoid errors, you must be able to pay close attention to detail and follow instructions precisely.

Strength in math and physics, mechanical aptitude, and satisfaction in working with your hands are also important.

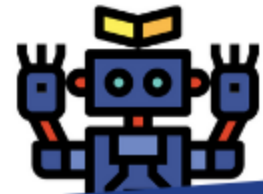
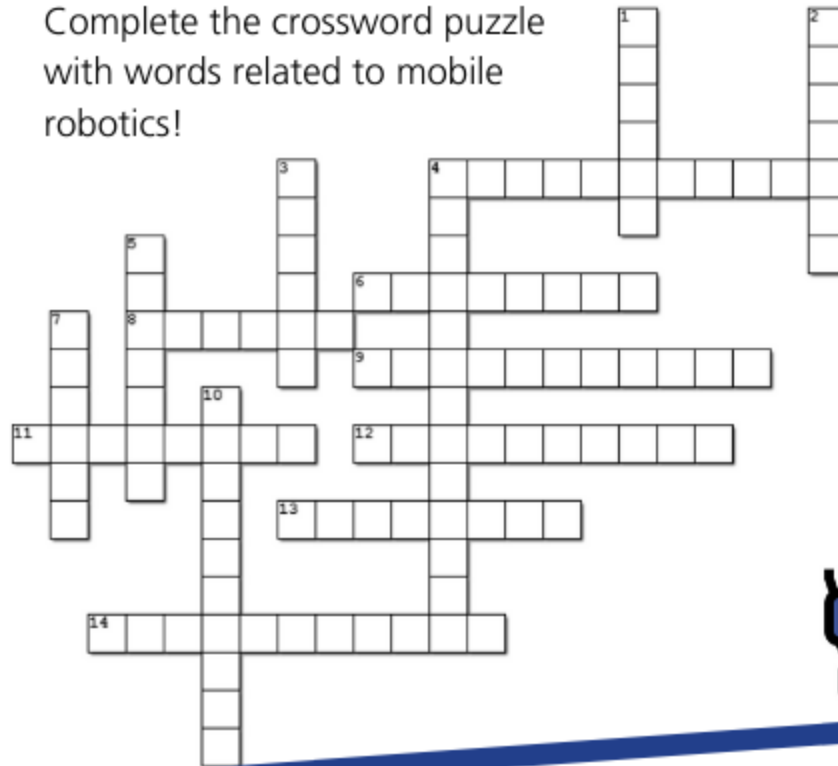
MOBILE ROBOTICS

CROSSWORD



Skills
Wireless
Engineering
Communication
Creative
Mobile
Mechanical
Connect
Competitive
Computer
Design
Robots
Manufacture
Complex
Technology

Complete the crossword puzzle with words related to mobile robotics!



Across

4. As good as or better than others of a comparable nature.
6. An electronic device for storing and processing data.
8. Able to move or be moved freely.
9. Making something on a large scale using machinery.
11. As opposed to wires or cables, to transmit signals.
12. The branch of knowledge dealing with engineering or applied sciences.
13. A person having good imagination or original ideas.
14. The work done by, or the occupation of, an engineer.

Down

1. A machine resembling a human.
2. Join together so as to provide access and communication.
3. The ability to do something well; expertise.
4. The imparting or exchanging of information or news.
5. Not easy to analyze or understand; complicated or intricate.
7. The art or action of conceiving of and producing a plan or drawing.
10. Working or produced by machines or machinery.