Robotics is a very interesting topic. Robotics manages to tie in electronics, programing, and engineering. There is so much that you can learn about robotics just by participating in a simple robotics course. Personally I prefer one specific type of robotics: VEX ROBOTICS.

First, you must learn the rules of the current game, and decide on a strategy that will give you an edge in the matches. You are given a set of exchangeable parts and must design and build your robot. There are so many types to choose from, you should improve you robot throughout the year.

The first thing you need to do is build a base that will support your robot: it needs to be very sturdy so that your robot can’t be push around or knocked over. Next, you are required to have an arm, it should be compact so it can fit within range. Once your robot is built, you can’t just drive it, though. You and your team will have to program it. There are two basic modes: Operator Control and autonomous: operator control allows you to drive the robot, and autonomous allows the robot to move independent from driver control, it needs to be preprogrammed and preconfigured

Overall, I have given you a brief look at the subject of Vex Robotics. In my opinion, it is one of the best engineering and robotics subject I know of. After being exposed to how it works, you might just get an overview of Vex Robotics.