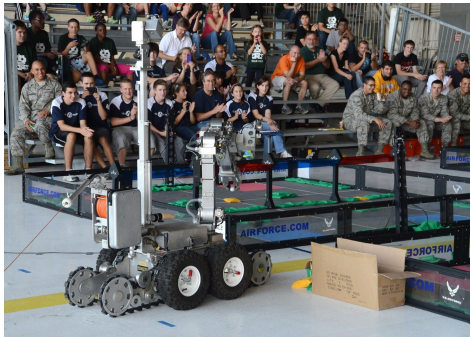


We are team 11110R and we are from Greenspun JHS. Our names are Andrew, Lily, and Ruby and we are all in 8th grade. We have all been in robotics for 3 years. We all enjoy robotics and have a good time designing our robots.

In this Advanced Robotics class we learn how to craft robots and code them. In order to do this we must think outside of the box for new and better ways to improve our robot. In this class we are creative and innovative, much like Environmental Engineers. Environmental Engineers must be creative to come up with new ways to solve another environmental problem. Not only do they *think* about more ways to improve the environment, but their job also requires



them to *build* their ideas as well. In this class we are doing exactly that to prepare us for jobs like these. By thinking outside of the box we are training our brains to come up with better ideas and solutions for problems. Maybe in the classroom we are figuring out how to fix a broken robot arm, but we are also learning how to think bigger. Both this class and Environmental Engineers need to use trial and error in order to come up with better solutions for a problem. We need to learn better building techniques and figure out how to solve problems easier and faster. This class is perfect practice for being an Environmental Engineer.

For this job you would need to earn a bachelor's degree in the field of chemical, civil, or general engineering. You would need to know some of the fundamentals of engineering and sometimes biology or chemistry. Environmental Engineers clean up the environment whether they are cleaning up soil, air or water. The engineers also sometimes work in construction areas. Environmental Engineers have to use the scientific method to make their ideas and test them out. On average, they make about \$40 per hour and about \$88,500 per year. Environmental Engineers have been working on solutions to help climate change, help countries with unclean drinking water and waste disposal. Environmental Engineers work for a good cause and help people out, they are great people.

I believe this job will evolve heavily. In the mid-19th century the first real environmental engineering started. It had already grown rapidly in the first 10 years. Now it is 2020. So many other inventions and movements have come out. With the world how it is right now, many more people are deciding to go green and invest in environment-saving technologies.



A very popular and important person who works in this field is Braden Allenby. He actually worked in several different engineering fields such as a telecommunications regulatory attorney, environmental attorney, and senior environmental attorney, all for AT&T along with countless other environmental careers. He even managed to become Research Vice President and Safety, Health, and Environment Vice President at Lawrence Livermore National Laboratory. He kept on rising to the top, with several positions and careers along the way. He currently works in several different fields and positions. He is currently, put simply, “American environmental scientist, environmental attorney and Professor of Civil and Environmental Engineering, and of Law, at Arizona State University.” Clearly he is a very successful man with much importance. I think we could learn a lot from people like this. Not only are they very hardworking and successful, but they are doing very important things as well. He has inspired several, including me, to pursue this career path. He has done so many incredible things to help people and the Environment and has made several discoveries.



Works Cited:

[US Bureau of labor statistics:](#)

<https://www.bls.gov/ooh/architecture-and-engineering/environmental-engineers.htm>