



2013 Engineering Summer Camp—Activities*

Robotics Design—Design and program a robot to maneuver a obstacle course and learn how to use sensors and transmitters to communicate with your robot to alter it's path.

Chemical Car—Work with car models that run on hydrogen and learn about how they work.

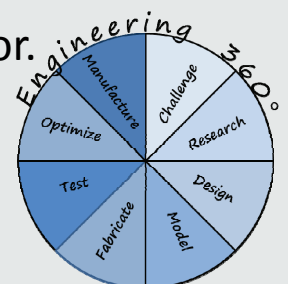
Water Treatment—Head down to the UAH pond to determine just how clean the water is and how environmental engineers analyze and filter water.

Mile High Rockets—Design and test your own rocket. How high will yours go? It depends on your design!

Lean Manufacturing—How do engineers make manufacturing processes run efficiently? You will set up your own lean manufacturing line and learn how to run it efficiently.

Holography—Make your own hologram and learn all about this optical illusion.

Structural Design—It's an earthquake! Will your tower survive? Design your tower and test it on our earthquake simulator.



* Activities subject to change