

## Team: CUTTING EDGE



*Left to Right: Scott Cooper, Billy Oakes, Blake Gregory, Daniel Garcia, Alex Williams*

### **PROJECT DESCRIPTION:**

The goal of this project is to make a prototype for a machine that will:

1. Hold a pair of eyeglasses in position to be scanned
2. Perform a 2-D scan of the glasses
3. Convert the scan into a cutting path for each lens
4. Send the path information to a vinyl cutter to cut out the lens-covers, outputting the final product

The original idea was conceived by Ben Moes, an alumnus of the Calvin College electrical/computer engineering program. His end goal for the project is to make such machines available at outdoor stadiums and venues such as baseball fields, amusement parks, and glasses vendors.