

## Wednesday Challenge Form

Group Members: John, Jacob, Jason, Evan, and Rohin

Problem Statement: We need to cut a block of wood to be as close to two inches long as possible while being consistent and accurate.

Approach: For the first block, we cut it first and did not sand it down afterward. It was pretty bad, and so when we got our second, we sanded a side down so that it would be flat. Then, we cut off the other side leaving a little room to sand down. Lastly, we sanded down the side.

Solution: We did very well, but the cut block was a little over two inches. What we did that was great though, was how consistent our corners were. The corners were within 0.008 inches apart, which is very awesome.

Lessons Learned: You need to make sure at least one side of a block of wood is flat before you cut it.