Major Changes: No major changes, other than having to reevaluate the timing of the schedule

Accomplished: Have an idea of a way to represent the curves of a crochet stitch by using parametric curves and creating test cases with splines. Currently still manually putting points to create the curves for the threads - now working with the idea that maybe each 'section' of the stitch can be represented by some kind of parametric curve, and then can be plotted with splines and stuff.

Milestone: Was to find a formal way to represent the stitches, I have a way, but what might end up happening that I may have to push back the next milestone to the next meeting due to some difficulties with the formal representation - the next milestone might be still working with different formulas to see if it’s possible to fit a curve to a stitch, instead of have it completely rendered out.

Surprises: I think there was the surprise that curves are a lot more unwieldy when plotting them by hand. Along with that, find a math formula to represent the curve of the stitch is a bit harder due to the curves currently not following a plane or really any line of reference at the moment. This is also due to the fact that using a spiral in 3D is too 'stiff' to use as a representation, but maybe from modifying the formula will change.

Looking Ahead: Hoping to see if it would be possible to parametrize the curve of the stitch or get close and see what happens then with that information. Will see if I can collect data about splines using Matlab and plot those points and see if I can fit a curve to those.

Revisions: No big revisions, but the next milestone might need to be pushed back by a bit since the current representation I’m working with, might be harder to find a mathematical way for showing off the curves.