Weekly reports are to be emailed to atbecker@uh.edu by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

Weekly report

1. **My *Goals* from last week**
   * Learn how to use the laser cutter.
   * Learn how to use the 3D printer.
   * Take first steps in making tilt table with passive sliders.
2. **My *Accomplishments* this week**
   1. Project 1: <Learn to use Laser Cutter>

* deliverable 1. *Deliverables can be documents, code, videos, plots, experiments, etc. Save and backup all work [code, data, LaTeX, images, videos]. Papers and code should be saved to our git server:* [*https://github.com/aabecker*](https://github.com/aabecker)*.*
* I tested <INSERT NUMBER> trials of <EXPLAIN TEST>.
  1. Project 2: <5x5 Slot Tilt Table>
     + STL files used to cut two 5x5 tables from the laser cutter. <https://github.com/aabecker/LaserCutter3DPrinter/tree/master/LaserCutter/Designs/Jarrett%20Lonsford>
     + I tested two different 5x5 tables, one using preexisting parts and one with a track rasted halfway through a piece of acrylic. The second track initially seems to work better as it has better alignment. The second table still needs to be sanded some to keep sliders from getting caught.

1. **My *Goals* for next week**

* Make 5x5 Tilt Table work more efficiently.
* Make passive sliders and stop blocks that work better with 5x5 Tilt Table. I may want to have heavier sliders.

1. **What I need Dr. Becker to do:**
   1. Suggest heavier materials that could be used for the passive sliders.