

Workflow in Math 127, Fall 2023

Here is how a typical non-exam week might go in Math 127. Note that everything is subject to change, based on how things are going. Also, there may be times during class this semester where you'll make mistakes or feel like the material is particularly challenging. **THAT'S OKAY.** Me too! Having that struggle in a setting where there are people around to help you is one of the main reasons to flip the class.

Monday: Completed version of problem set N is due; problem sets are submitted online, so there's some leeway on the due time.

- *Before class:* Watch video and do reading on material to be discussed today.
- *Remaining questions:* Everyone puts up a question they still have about problem set N , everyone circulates around the room and looks at each other's questions, and we answer a few as a class.
- *Worksheet/activity:* We work in groups of 3 or 4 people on an activity for the day, often related to problems on the next homework.
- *Getting started:* We pick a few problems of particular interest on problem set $N + 1$ and look at their outlines.

Wednesday: Outline for problem set $N + 1$ is due, again submitted online.

- *Before class:* Watch video and do reading on material to be discussed today.
- *Definition drill:* Everyone randomly selects one of the important definitions in the material on problem set $N + 1$, writes the definition on the board, and presents an example or otherwise illustrates the definition to the class.
- *Worksheet/activity:* We work in groups of 3 or 4 people on an activity for the day, often related to problems on the next homework.
- *Getting started:* We pick a few problems of particular interest on problem set $N + 1$ and work on them in class.