

# MCIT Progress Report Fall 2023

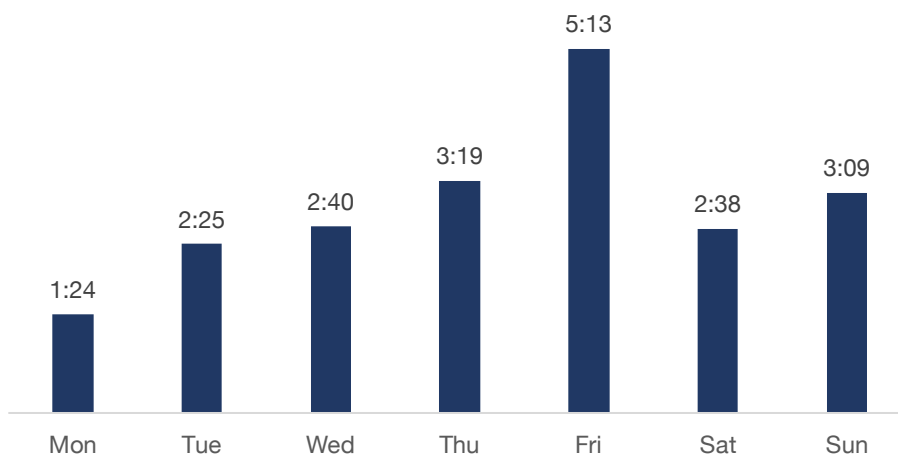
Weeks 1-5

## Overview

As background, I came from STEM (non-tech/engineering) and had prior coding experience in R, Python, and SQL. I used Python and R for school and work, but primarily for data analysis rather than writing software. I am currently taking two courses, CIT5910 and CIT5920, for Fall 2023. My goal initially was to spend 4 hours per day on MCIT activities, given that most people spent 11 hours on CIT5910 and 15 hours on CIT5920 according to [MCIT Central](#). I found that 3 hours spent each day on average is adequate for me, but other people may require less or more time.

## Daily Trends

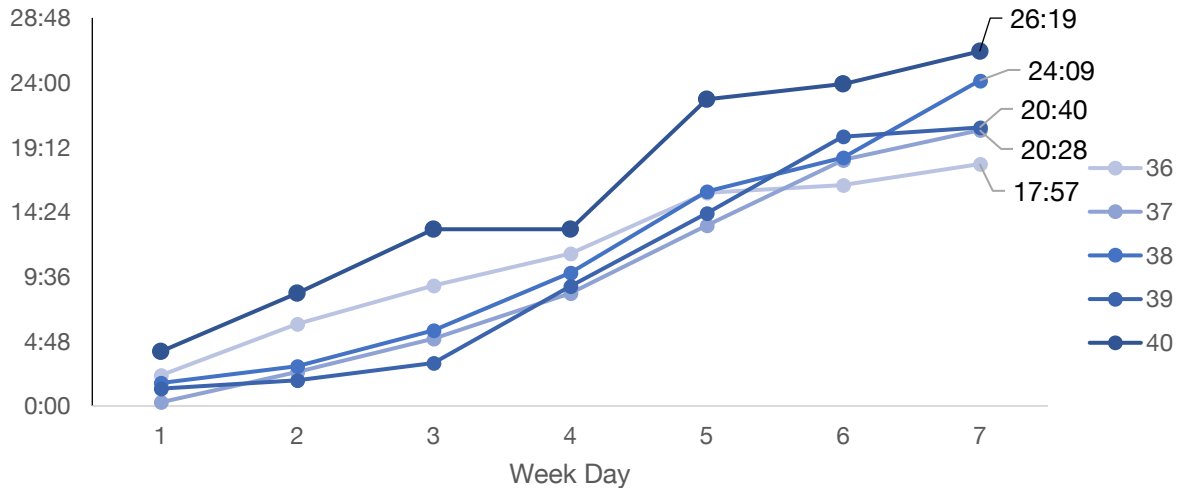
### Average hours spent daily on MCIT



Over the past 5 weeks, I've spent on average 3 hours per day doing MCIT activities. Typically, Monday through Wednesday is dedicated on reviewing lecture materials and doing self-paced/practice exercises. I create Anki cards as I review through the lecture materials, which is why lectures take up a good amount of time. I usually start doing the homework on Thursdays/Fridays, which is when I start to get a good grasp of the lectures. I typically spend more time on Fridays because that is when I start worrying about not finishing the homework on time. Saturday is the day I wrap up my homework and submit. Sundays are when I start learning next week's materials, or in the case of CIT5920, double check my homework solutions by going through Ed discussion posts and recitation questions.

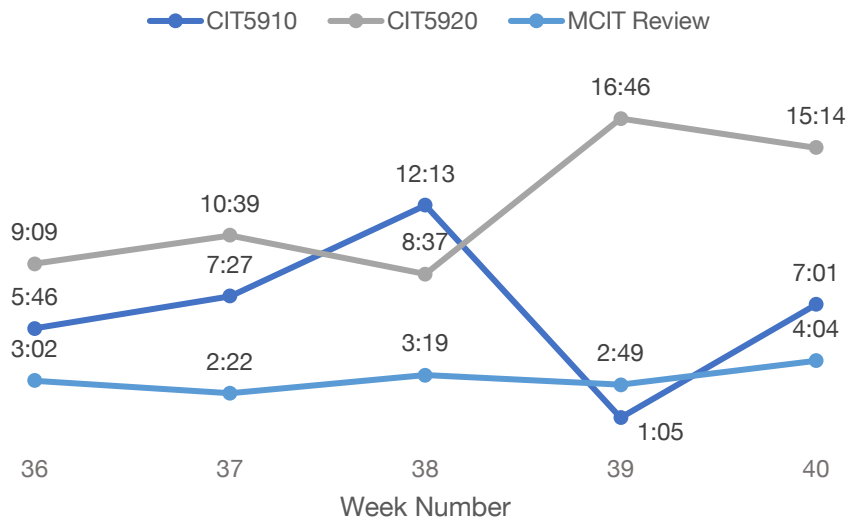
## Weekly Trends

### Cumulative MCIT effort from past 5 weeks



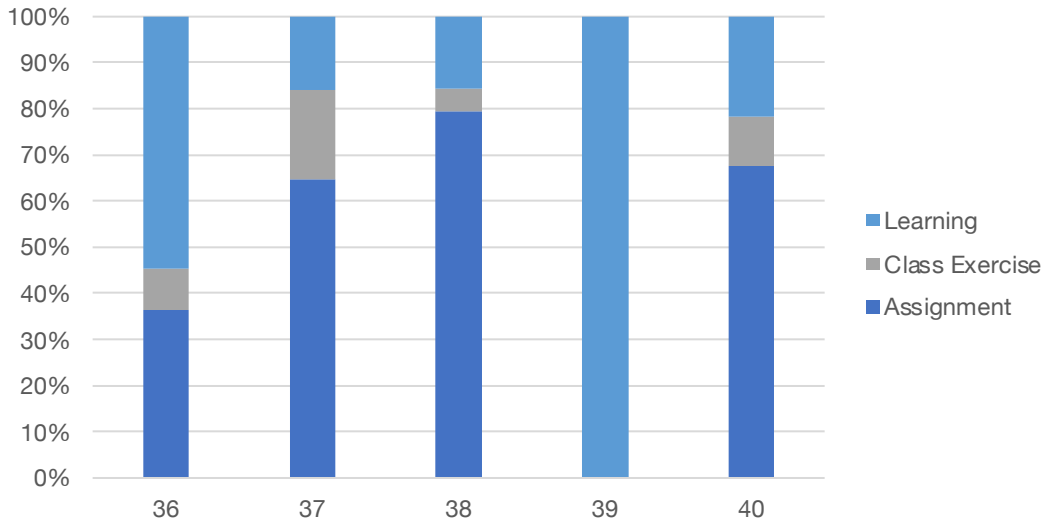
Weekly average spent on MCIT activities is 21 hours and 54 minutes in the first 5 weeks of MCIT. This includes time spent on HW, lectures, class exercises, and reviews.

### Hours spent on task by week

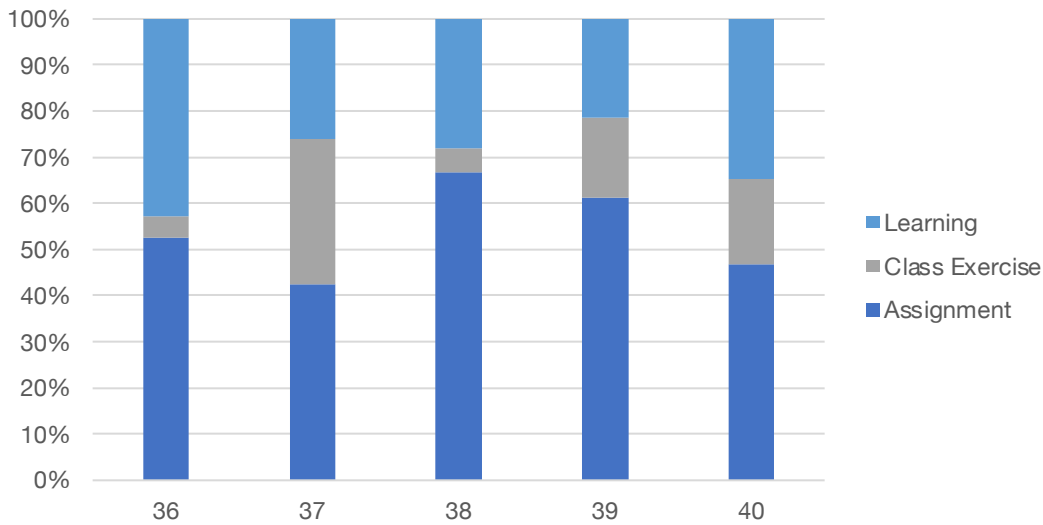


On average, CIT5920 takes up significantly more time, with the exception of week 38. CIT5920 difficulty, in terms of both lecture material and assignments, starts to ramp up on week 4, which is the section covering combinatorial proofs, binomial theorem, and functions.

### Breakdown from past 5 weeks (CIT 5910)



### Breakdown from past 5 weeks (CIT 5920)



For both courses, homework takes up significantly more time compared to other class activities. For CIT5910, excluding the first homework, 70% of my time is spent on assignments (homework). For CIT5920, approximately 50% of my time is spent on homework, followed by lecture. Note that on week 4 of CIT5910, no homework was assigned. **Reviews were excluded** because I typically review materials from the two courses simultaneously via Anki, so it is difficult to get the exact breakdown. However, on average, I spend 3 hours for reviews per week.