

IntelliChoice 2020 SAT Camp: Math

Chirag Gokani

Summer 2020

Thank you all so much for being able to help with this year's virtual SAT math course! We wouldn't be able to do something this ambitious without your help. Here's the rundown:

General Information

I've tried to include all the general information on the *course website*. The syllabus, which contains a more detailed description of the course, is also available there.

Students

You have each been assigned to ~ 20 students. Students are still registering, and we may have Elijah '19 helping out too, so that number may change. To see the students to whom you've been assigned, please refer to the *gradebook*. I've assigned the students alphabetically by first name.

While I'm doing lectures Monday-Thursday, you will be interacting with the students personally, which I think is often more effective. Since there are so many students, the lectures will hardly be Socratic; try to infuse some semi-Socratic learning into your interactions with the students.

Homework

There are 8 homework assignments. Students can access them on the course website; solutions have been shared with you all via UTD Box. Your students will submit their homework electronically to your UTD email. Homework is due each week (except for the last week) on Friday at 9:00 p.m.

To simplify grading, we're not giving partial credit; each numbered question is worth 1 point. To make this fair for students, let's be generous and not count off on minutia (missing axes labels, etc.). Also, there is no need to mark up students' submissions. Just keep note of the questions they miss, and look for systematic misunderstanding of concepts. I also don't want grading to take a huge amount of your time.

Once you have graded a student's homework submission, record the grade in the *gradebook*.

\implies If the student made above a B-, the entry for that assignment will be shaded green: no revisions are necessary. Just email the student his/her grade, including the question number of any questions he/she missed.

⇒ If the student made below a B-, the entry for that assignment will be shaded red: the student will need to make corrections. Email the student his/her grade, include the question number of the questions missed, and let them know that they need to make corrections to achieve at least B-. This is the minimum grade required to pass the course, and making corrections will help keep students on track to passing.

For students who are struggling, you can encourage that they attend any tutor's office hours for further guidance. I don't want for you to have to type up equations/explain things via email as that can be very time consuming.

Office Hours

Your office hours will be weekly at the time(s) you told me work best for you. These times are listed *here*. I suspect that most of your office hours will be "idle," waiting for students to show up. Feel free to go about your daily activities in this time; just check periodically for students who join the Zoom session.

There is a whiteboard in Zoom. Click on "Share Screen" to get to it. You can write on it if you have a touch-screen device, or if you are good with drawing with a mouse. Otherwise, you can talk students through their questions.

We'll all share one Zoom Pro account associated with the email address *intellichoice.math@gmail.com*. For the password, search for an email from this address in your UTD inbox (I sent out the login credentials in late April; let me know if you need them again). To sign into Zoom, use the "Sign in with Google" option on *this page*.

Communication

Let's stick with UTD/professional email for communication with students. Students may ask if they can text pictures of their homework to you; please insist that they email instead. We may lose the formality if we begin sharing our numbers with students.

Time Commitment

I want this to be as flexible for you as possible. If you have time to fill, you can prolong your office hours; if you are busy, you can curtail/cancel your office hours.

I would hope that each student's homework submission takes no more than ~ 5 minutes to grade. $5 \text{ minutes/student} \cdot \sim 20 \text{ students} \approx 1 \text{ hr } 40 \text{ min}$ of grading each week.