

COURSE ASSISTANT POSITIONS IN MATHEMATICS  
2017-2018

**Junior Tutor Position Qualifications**

**Topics In Mathematics (11200-11300):**

You must have had calculus, and have taken or be taking a second year of math. You must know number theory and geometry to tutor in these courses. Experience as a counselor in our summer YSP is good background. These are two-quarter assignments.

**On-sequence Math 130's (13100-13200-13300):**

You must have had calculus and have taken or be taking analysis (Math 20300, 20310 or 20700). These are at least two-quarter assignments, with most tutors continuing in the same section all three quarters. See UChicago Class Search for the most current schedule.

**Off-sequence Math 130's (13100-13200):**

You must have had calculus and have taken or be taking analysis (Math 20300, 20310 or 20700). These are two-quarter assignments (Win-Spr). *If you are interested in being a Junior Tutor, please fill out the pages of the application that indicate they are for the Junior Tutor applicants.*

**VCA Position Qualifications**

Course Assistants for Math 150's. Applicants for VCA positions should have had Honors Calculus, or Math 15900 or Math 15910, or higher level mathematics courses. While this job is primarily about correcting homework papers, VCA's are also expected to attend the weekly problem session associated with their assigned section and hold some informal office hours. These problem sessions will be scheduled at the beginning of each quarter. *If you are interested in being a VCA, please fill out the pages of the application that indicate they are for the VCA applicants.*

**Reader Position Qualifications**

Applicants for Reader positions should have had the course they are asking to read for, or a higher-level course equivalent, and have had excellent grades in that course. This job is primarily about correcting homework papers, and we expect prompt, careful work from our Readers. Additionally, if you have not taken Math 20250 Abstract Linear Algebra, you must have had Math 25500 or Math 25800 to qualify for a Reader position for Math 20250. *If you are applying to be a Reader, please fill out the pages of the application that indicate they are for the Reader applicants.*

**All applicants should fill out the first page of the application.**

Please fill out and return the appropriate pages of the application, either by email to [stehnova@math.uchicago.edu](mailto:stehnova@math.uchicago.edu), or by bringing a completed application to E 211, E 212 or E 222. Applications are due **Friday, June 9, 2017**. Assignments should be made over the summer.

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**PLEASE PRINT CLEARLY**  
**(Especially your e-mail address)**

DATE \_\_\_\_\_

STUDENT ID# \_\_\_\_\_

Name \_\_\_\_\_

Email \_\_\_\_\_

Date Entered U of C \_\_\_\_\_ Expected graduation date \_\_\_\_\_

Major(s) \_\_\_\_\_ Adviser \_\_\_\_\_

College-level mathematics courses you have taken (here or elsewhere) or are taking.

Dates.	Grades.	Quarter.
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Will you be taking any Mathematics (or related) courses during 2017-2018? \_\_\_\_\_  
If so, what ones? \_\_\_\_\_

If applying for more than one job, list your order of preference:

Jr. Tutor \_\_\_\_\_ VCA \_\_\_\_\_ Reader \_\_\_\_\_ Super Reader \_\_\_\_\_

Have you ever been a Junior Tutor, VCA, Reader, or Super Reader for a math course? \_\_\_\_\_

If so, when? \_\_\_\_\_ For whom? \_\_\_\_\_

If so, when? \_\_\_\_\_ For whom? \_\_\_\_\_

Can you devote approximately 10 hours a week to a departmental job with-out harm to your own academic program? \_\_\_\_\_

If you applying for College Aid for 2017-2018, you may be eligible, as a Junior Tutor, for assistance under the federally funded Work-Study Program. If you wish to have further information about this program, see the Office of College Aid in Harper 203.

**For Junior Tutor Applicants:** The Tutorship is an opportunity to use your special knowledge of mathematics in helping a group of some 8-10 students, for the most part younger than yourself, to increase their mathematical power. How effective do you think you would be as a Tutor? Why?

(For Junior Tutor Applicants) Name \_\_\_\_\_

The following courses are the courses with tutorials. **Look carefully at the on-line Autumn 2017 Class Search** to see which sections of the following courses will work with your *Autumn* schedules.

Math 11200-11300. Topics in Mathematics. Autumn-Winter. Two tutor positions in each section. **To tutor for Math 11200-11300 you must have had experience with number theory and geometry.**

Math 13100-13200-13300 Calculus. Classes MWF, tutorials TuTh. There is also one section of Math 13100-13200 at 12:30 MWF Winter-Spring.

Keeping in mind that you should have your schedule free for both class and tutorials times, **indicate the order of your preference**. We prefer to keep you in the same position (i.e. class time and tutorial time) for the entire academic year.

	<u>Course</u>	<u>Section Number(s)</u>	<u>Tutorial Letters (T1, T2, T3)</u>
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____

**(For VCA Applicants)** Name \_\_\_\_\_

VCA applicants need to have had Math 160's or Math 15900, 15910 or higher to be qualified to be a VCA. Some positions will be for the full year (Math 15100-15200-15300), and some are for two (Math 15200-15300) or one (Math 15300) quarters.

\_\_\_\_\_ I would prefer a two-quarter assignment.

\_\_\_\_\_ I would prefer a one-quarter assignment.

Additionally:

\_\_\_\_\_ I agree to work with my instructor to be available to attend the weekly problem session for the section I'm reading for. I also will hold "office hours" somewhere on campus each week for at least two hours per week.

**(For Reader Applicants)** Name: \_\_\_\_\_

The table below lists undergraduate math courses that have Readers. Numbers in parentheses indicate the maximum number of positions available for each course each quarter. Please put an X in the box to the right of courses for which you feel qualified to read, and which you would be interested in being assigned to as a Reader. Additionally, if you have not taken Math 20250 Abstract Linear Algebra, you must have had Math 25500 or Math 25800 to qualify for a Reader position for Math 20250.

**NOTE:** Courses 20700-27800 typically have graduate student Readers or College Fellows. Undergraduates may be hired if they are qualified.

**Mathematics courses available for Reader assignments**

<b>Autumn</b>		<b>Winter</b>		<b>Spring</b>	
15910 (2)		15910 (2)		15910 (2)	
16100 (7)		16200 (7)		16300 (6)	
17500 (1)		17600(1)			
19520 (7)		19520 (4)		19520 (4)	
19620 (5)		19620 (7)		19620 (4)	
20000 (3)		20000 (3)		20100 (2)	
20250 (3)		20100 (3)		20250 (3)	
20300 (3)		20250 (3)		20300 (2)	
20310 (2)		20300 (1)		20400 (1)	
20400 (2)		20310 (1)		20410 (1)	
20500 (1)		20400 (3)		20500 (2)	
20510 (1)		20410 (3)		20510 (3)	
21200 (1)		20500 (2)		21100 (1)	
24400 (1)		25400 (1)		24200(1)	
25400 (2)		25500 (2)		25500 (1)	
		26200 (1)		26300 (1)	
27000 (2)		27000 (1)			
		27300 (3)			