Application information for Junior Tutors, VCA’s and Readers in Mathematics 2015-2016

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

Junior Tutor Position Qualifications

Courses numbered below 15100 have Junior Tutors. If you are interested in being a Junior Tutor, please also fill out the pages of the application that indicate they are for the Junior Tutor application.

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 Y’SP is good background. These are two-quarter assignments.

Math 130’s (13100-13200-13300):
You must have had calculus and have taken or be taking analysis (Math 19900, Math 20300 or 20700). These are at least two-quarter assignments, with most tutors continuing in the same section all three quarters. There are also some off-quarter assignments for Winter-Spring.

VCA Position Qualifications

Courses numbered 15100-15300 have VCA’s; VCA appointments are made to students who took the 160’s or higher-level math courses. Applicants for VCA positions should have had Honors Calculus, Math 16100-16200-16300, or Math 19900 or higher level mathematics courses. While this job is primarily about correcting homework papers, VCA’s are also expected to attend the weekly afternoon or evening problem session associated with their assigned section. These problem sessions will be scheduled at the beginning of each quarter. If you are interested in being a VCA, please also fill out the pages of the application that indicate they are for VCA application.

Reader Position Qualifications

Courses numbered 16100 or higher have Readers. 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. If you are applying to be a Reader, please fill out the page of the application that indicates it is for Reader applicants.

Please fill out and return the appropriate pages of the application, either by email to boller@math.uchicago.edu, or by bringing a completed application to E 211, E 212 or E 222. Applications are due Friday, June 5. Assignments should be made over the summer.
APPLICATION
JUNIOR TUTOR or VCA or READER IN MATHEMATICS
2015-2016

PLEASE PRINT CLEARLY
(Especially your e-mail address)

DATE ____________________
STUDENT ID#________________

Name________________________________________________________
email________________________________________________________

Date Entered U of C_________ Expected graduation date______________

Major____________________________ Adviser_______________________

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

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

Will you be taking any Mathematics (or related) courses during 2015-2016?____
If so, what ones?________________________________________________________________

If applying for more than one job, list your order of preference: 
 _______Jr. Tutor _______ VCA _______ Reader

Have you ever been a Junior Tutor, VCA, or 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 without harm to
your own academic program?___________________________________________

If you applying for College Aid for 2015-2016, 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?

AVAILABLE JUNIOR TUTOR POSITIONS

**Topics In Mathematics (11200-11300):**
- Math 11200-11300 (Aut-Win) section 20: class 9:30-10:20 MWF, tutorials (1 position) 9-10:20 TuTh, (1 position) 12-1:20 TuTh.
- Math 11200-11300 (Aut-Win) section 50: class 12:30-1:20 MWF, tutorials (1 position) 12-1:20 TuTh, (1 position) 4:30-5:50 TuTh

**On-sequence Math 130’s (13100-13200-13300):**
- Math 13100-13200-13300 (Aut-Win-Spr) section 10; class 8:30-9:20 MWF, tutorials (3 positions) 9-10:20 TuTh
- Math 13100-13200-13300 (Aut-Win-Spr) sections 20, 22, 24, 26; class 9:30-10:20 MWF, tutorials (9-12 positions) 9-10:20 TuTh
- Math 13100-13200-13300 (Aut-Win-Spr) sections 40, 42, 44, 46; class 11:30-12:20 MWF, tutorials (12 positions) 12-1:20 TuTh
- Math 13100-13200-13300 (Aut-Win-Spr) section 48; class 11:30-12:20 MWF, tutorials (3 positions) 4:30-5:50 TuTh
- Math 13100-13200-13300 (Aut-Win-Spr) section 50; class 12:30-1:20 MWF, tutorials (3 positions) 4:30-5:50 TuTh

**Off-sequence Math 130’s (13100-13200):**
- Math 13100-13200 (Win-Spr) section 58; class 12:30-1:20 MWF, tutorials (2 positions) 12-1:20 TuTh, (1 position) 4:30-5:50 TuTh
(For Junior Tutor Applicants) Name __________________________

The following courses are the courses with tutorials. **Look carefully at the on-line Autumn 2015 Time Schedule** 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 with tutorials 4:30-5:50 TTH or 12-1:20 TTH.

Keeping in mind that you should have your schedule free for both class and tutorials times, **indicate the order of your preference.** We cannot assign you to a position if you do not give me both the course and the hour. We prefer to keep you in the same position (i.e. class time and tutorial time) for the entire academic year.

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<tr>
<th>Course</th>
<th>Section Number(s)</th>
<th>Tutorial Letters</th>
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(For VCA Applicants) Name _______________________________________________

VCA applicants need to have had Math 160’s or Math 19900 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.

_____ 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.

**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

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<th>Autumn</th>
<th>Winter</th>
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Note: MATH 15900 is the newly renumbered MATH 19900