Department of Mathematics
APPLICATION FOR TEACHING ASSISTANTSHIP
SEPTEMBER 2012 TO APRIL 2013

Date Posted: Monday, May 28, 2012

Please read carefully and retain this page.

Qualifications: *Excellent background in mathematics;*
Excellent communication skills
in English, both written and oral form.

A transcript **is not** needed from:

- Graduate students in the Department of Mathematics,
- All Undergraduate applicants in the Department of Mathematics,
- Applicants who have worked for the Department of Mathematics in the past.

All other applicants must submit a transcript/academic record/statement of results. Original document is not necessary. A copy will do.

Decisions will be announced in August.

Abe Igelfeld
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Department of Mathematics
40 St. George St., 6th floor

Application Deadline: Friday, June 22, 2012 at 5:00pm

This posting is in accordance with the CUPE 3902, Unit 1 Collective Agreement.

DEPARTMENT OF MATHEMATICS - APPLICATION FOR TEACHING ASSISTANTSHIP
FOR SEPTEMBER 2012 TO APRIL 2013

POSTED ON: MONDAY, MAY 28, 2012 **APPLICATION DEADLINE: FRIDAY, JUNE 22, 2012 at 5:00PM**

Surname: _____

First name: _____

U of T student #: _____

E-mail: _____

Telephone #: _____

Home address: _____

_____

In September 2012 your status will be (choose one only):

PH D: _____ Start date: _____

M SC: _____ Start date: _____

Dept of Study: _____

Your office phone #: _____

FOR OFFICE USE ONLY

Below, list your preferences. In the column under "Choice" rank your preference as to campus of assignment. These will be met if possible.

Choice	Campus	Course Preferences (see course listings)
	St. George	
	UTM	
	UTSC	

FOR UNDERGRAD APPLICANTS ONLY:

Program/dept.:

Campus where are you registered (circle one): St. G UTM UTSC

Most advanced math course(s) completed:

COMPLETE AND RETURN ONLY THIS PAGE TO PATRINA SEEPERSAUD'S MAILBOX IN ROOM BA6290A
or E-MAIL A COPY TO: p.seepersaud@utoronto.ca

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2012-2013

All positions and hours listed below are tentative pending funding and enrolment.
The Department of Mathematics reserves the right to change/cancel announced positions.

LEGEND: ***F*** *Courses = Sep-Dec* ***Y*** *Courses = Sep-Apr* ***S*** *Courses = Jan-Apr*

DUTIES may include all or any combination of the following: marking, scheduled tutorial, office hours, Math Aid Centre, test and exam supervision.

FACULTY OF ARTS AND SCIENCE, ST. GEORGE CAMPUS

COURSE	COURSE TITLE	HOURS	# of Assignments	COURSE	COURSE TITLE	HOURS	# of Assignments
APM236F	Applied Linear Prog.	100	1	MAT257Y	Analysis II	110	2
APM236S	Applied Linear Prog.	75	1	MAT267F	Advanced ODEs I	90	1
APM346F	Differential Equations	100	3	MAT271F	Insights From Maths	80	1
APM351Y	Diff. Equ. of Math Physics	100	1	MAT301F	Groups and Symmetries	80	1
APM421F/MAT1723	Mathematical Foundations of Quantum	35	1	MAT301S	Groups and Symmetries	80	1
APM426S/MAT1700	General Relativity	35	1	MAT309F	Intro Math Logic	125	1
APM461S/MAT1302	Combinatorial Methods	35	1	MAT315S	Intro Number Theory	75	2
APM462S	Nonlinear Optimization	140	1	MAT327F	Intro Topology	100	1
APM466S/MAT1856	Math Theory of Finance	100	1	MAT329Y	Concepts in Elementary Mathematics	80	1
JMB170Y	Bio Models and Math	160	1	MAT334F	Complex Variables	45	2
MAT133Y	Calc Lin Alg for Com	110	18	MAT334S	Complex Variables	75	2
MAT135F	Calculus Sci I	55	35	MAT335F	Chaos Fractals Dynamics	60	1
MAT135S	Calculus 1(A)	55	7	MAT337S	Intro Real Analysis	55	2
MAT136S	Calculus 1(B)	55	29	MAT344F	Intro Combinatorics	60	1
MAT137Y	Calculus I	200	8	MAT347Y	Groups Rings and Fields	150	1
MAT157Y	Analysis I	200	3	MAT354F	Complex Analysis I	75	1
MAT223F	Linear Algebra I	55	12	MAT357S	Real Analysis	90	1
MAT223S	Linear Algebra I	55	12	MAT363S	Diff Geometry I	75	1
MAT224F	Linear Algebra II	55	3	MAT401S	Polyn Equ and Fields	50	1
MAT224S	Linear Algebra II	55	7	MAT402S	Classical Geometries	90	1
MAT235Y	Calculus Sci II	70	10	MAT454S/MAT1002	Complex Analysis II	65	1
MAT237Y	Vector Calculus	90	9	MAT457Y/MAT1000	Real Analysis I	100	1
MAT240F	Algebra I	100	2	MAT458/MAT1001S	Real Analysis II	70	1
MAT244F	Intro ODEs	100	2	MAT475F	Problem Solving Sem	30	1
MAT244S	Intro ODEs	125	2	MAT1060F	Partial Differential Equations I	30	1
MAT246F	Conc in Abstract Math	60	2	MAT1100F	Algebra I	60	1
MAT246S	Conc in Abstract Math	120	2	MAT1300F	Topology I	70	1
MAT247S	Algebra II	60	2	MAT1301S	Topology II	60	1

Course descriptions can be found at:

http://www.math.toronto.edu/cms/tentative-2012-2013-graduate-courses-

http://www.artsandscience.utoronto.ca/ofr/calendar/crs_mat.htm

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2012-2013

MATH AID CENTRES, ST. GEORGE CAMPUS			
		HOURS	# of Assignments
TRINITY COLLEGE MATH AID CENTRE			
F TERM		35	2
S TERM		45	2
NEW COLLEGE MATH AID CENTRE			
F TERM		17	3
S TERM		16	3
SIDNEY SMITH MATH AID CENTRE			
F TERM		30	2
S TERM		30	1

FACULTY OF APPLIED SCIENCE AND ENGINEERING,			
COURSE	COURSE TITLE	HOURS	# of Assignments
APM384F	Partial Differential Equations	140	1
MAT185S	Linear Algebra	66	5
MAT186F	Calculus I	55	8
MAT186S	Calculus I	50	1
MAT187S	Calculus II	55	7
MAT188F	Linear Algebra	55	17
MAT188S	Linear Algebra	54	1
MAT194F	Calculus I	60	6
MAT195S	Calculus II	72	5
MAT196F	Calculus A	55	7
MAT197S	Calculus B	55	9
MAT292F	Calculus III	90	4
MAT294F	Calculus & Diff Equ	40	2
MAT389F	Complex Analysis	100	2

Course descriptions can be found at:

http://www.apsc.utoronto.ca/Calendars/2012-2013/Course_Descriptions.html#Note126

NOTES:

1. Department Standards and Policies are available in the Department office and in the CUPE, Local 3902 office.
2. The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

Although a graduate student's preference as to the campus location of his/her TA appointment will be taken into account, both the initial TA appointment (or CI appointment) and the subsequent appointment obligation related to that appointment may be met through position(s) on any one of the three University of Toronto campuses (UTM, UTSC or St. George) in courses in the same discipline as the initial appointment. TAs will only be assigned to courses in fields in which they are or should be qualified to assist.

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2012-2013

UNIVERSITY OF TORONTO AT MISSISSAUGA

COURSE	COURSE TITLE	HOURS	# of Assignments
MAT102H5F	Introduction to Mathematical Proofs **	60	8
MAT102H5S	Introduction to Mathematical Proofs **	60	8
MAT133Y	Calculus and Linear Algebra for Commerce *	50	23
MAT134Y	Calculus for Life Sciences***	55	14
MAT135Y	Calculus***	55	16
MAT137Y	Calculus**	60	5
MAT202H5S	Introduction to Discrete Mathematics***	55	2
MAT212H5S	Differential Eqns&Modeling***	55	2
MAT223H5F	Linear Alg: I***	55	7
MAT223H5S	Linear Alg: I***	55	9
MAT224H5F	Linear Alg: II***	55	3
MAT224H5S	Linear Alg: II***	55	3
MAT232H5F	Calculus of Several Variables***	55	5
MAT232H5S	Calculus of Several Variables***	55	2
MAT233H5F	Calculus of Several Variables***	55	2
MAT242H5F	Differential Equations I***	55	2
MAT301H5F	Groups and Symmetries	60	1
MAT301H5S	Groups and Symmetries	60	1
MAT302H5S	Introduction to Algebraic Cryptography	60	1
MAT311H5F	Partial Differential Equations	60	2
MAT315H5S	Introduction to Number Theory	60	1
MAT332H5F	Intro to Nonlinear Dynamics and Chaos	60	1
MAT334H5F	Complex Variables	60	1
MAT334H5S	Complex Variables	60	1
MAT344H5F	Introduction to Combinatorics	60	2
MAT368H5S	Vector Calculus	60	3
MAT378H5S	Introduction to Analysis	60	1
MAT382H5F	Mathematics for Teachers	60	1
MAT392H5F	Ideas of Mathematics	90	1
MAT402H5S	Classical Geometries	60	1
MAT405H5F	Introduction to Topology	40	1
MAT406H5F	Mathematical Introduction to Game Theory	60	1
Math Help Center (F)		33	5
Math Help Center (S)		33	5
MAT133 Test Marking	Fall and Spring (4 Tests)	60	4

*Per semester. First tutorials 50 hours and the additional tutorials 40 each

** First tutorials 60 hours and the additional tutorials 50 hours each

*** Per Semester. First tutorials 55 hours and the additional tutorials 45 hrs each

Course descriptions can be found at:

http://www.utm.utoronto.ca/regcal/WEBLISTCOURSES27.html

UNIVERSITY OF TORONTO AT SCARBOROUGH

COURSE	COURSE TITLE	HOURS	# of Assignments
MATA30H3F	**Calculus I**	**up to 79**	**up to 17**
MATA30H3Y	Calculus I	up to 134	up to 8
MATA31H3F	Calculus I for Mathematical Sciences	up to 110	up to 8
MATA32H3F	Calculus for Management I	up to 55	up to 20
MATA32H3Y	Calculus for Management I	up to 110	up to 8
MATB24H3F	Linear Algebra II	up to 79	up to 8
MATB41H3F	Techniques of the Calculus of Several Variables I	up to 65	up to 7
MATB44H3F	Differential Equations I	up to 55	up to 3
MATB61H3F	Linear Programming and Optimization	up to 55	up to 3
MATA23H3S	Linear Algebra I	up to 79	up to 18
MATA30H3S	Calculus I	up to 79	up to 6
MATA31H3S	Calculus I for Mathematical Sciences	up to 110	up to 4
MATA32H3S	Calculus for Management I	up to 55	up to 6
MATA33H3S	Calculus for Management II	up to 55	up to 24
MATA35H3S	Calculus II for Biological Sciences	up to 55	up to 6
MATA36H3S	Calculus II for Physical Sciences	up to 55	up to 6
MATA37H3S	Calculus II for Mathematical Sciences	up to 110	up to 6
MATB42H3S	Techniques of the Calculus of Several Variables II	up to 65	up to 5
MATB43H3S	Introduction to Analysis	up to 55	up to 2

Staff-appointed members may conduct some MATA23 & some B-level Math tutorials.

"Y" courses listed above will run for 24-weeks, at half speed.

25-45 hrs, depending on enrolments):

MATC01H3F	MATC15H3S
MATC09H3F	MATC37H3S
MATC16H3F	MATC46H3S
MATC32H3F	MATC90H3S
MATC34H3F	MATD01H3S
MATC35H3F	MATD34H3S
MATC63H3F	
MATC82H3F	
MATD02H3F	

Course descriptions can be found at:

http://www.utsc.utoronto.ca/~registrar/calendars/calendar/Mathematics.html#MATA02H3