Department of Mathematics
APPLICATION FOR TEACHING ASSISTANTSHIP
SEPTEMBER 2008 TO APRIL 2009

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
igelfeld@math.utoronto.ca
Department of Mathematics
40 St. George St., 6th floor

Application Deadline: Friday, June 27, 2008

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

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2008-2009

All positions and hours listed below are tentative.
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 of or any combination of the following: marking, scheduled tutorial, office hours, Math Aid Centre, test 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.	80	1	MAT257Y	Analysis II	170	1
APM236S	Applied Linear Prog.	50	1	MAT267F	Advanced ODEs I	60	1
APM346F	Differential Equations	70	2	MAT301F	Groups and Symmetries	60	2
APM351Y	Diff. Equ. of Math Physics	80	1	MAT301S	Groups and Symmetries	85	1
APM421F/MAT1723	Mathematical Foundations of Quantum	50	1	MAT309F	Intro Math Logic	75	1
APM461S/MAT1302	Combinatorial Methods	55	1	MAT315S	Intro Number Theory	55	2
APM462S	Nonlinear Optimization	65	1	MAT327F	Intro Topology	90	1
APM466S/MAT1856	Math Theory of Finance	100	1	MAT334F	Complex Variables	80	1
JMB170Y	Bio Models and Math	160	1	MAT334S	Complex Variables	85	2
JUM105F	Mathematical Personalities	20	1	MAT335S	Chaos Fractals Dynamics	70	1
MAT123S	Calc Lin Alg for Com (A)	55	1	MAT337S	Intro Real Analysis	100	1
MAT125S	Calculus Sci (A)	55	1	MAT344F	Intro Combinatorics	120	1
MAT133Y	Calc Lin Alg for Com	110	15	MAT347Y	Groups Rings and Fields	100	1
MAT135Y	Calculus Sci I	110	30	MAT354F	Complex Analysis	80	1
MAT136Y	Calculus and its Foundations	80	1	MAT357S	Real Analysis I	95	1
MAT137Y	Calculus I	200	6	MAT363S	Diff Geometry I	90	1
MAT157Y	Analysis I	200	2	MAT401S	Polyn Equ and Fields	65	1
MAT223F	Linear Algebra I	55	10	MAT402S	Classical Geometries	90	1
MAT223S	Linear Algebra I	55	8	MAT409F/MAT140	Intro to Model Theory & Set The	35	1
MAT224F	Linear Algebra II	55	3	MAT454S/1001S	Complex Analysis II	80	1
MAT224S	Linear Algebra II	55	5	MAT454S/1001S	Complex Analysis II	34	1 (tutorial)
MAT235Y	Calculus Sci II	70	9	MAT457Y/1000Y	Real Analysis II	100	2
MAT237Y	Vector Calculus	60	11	MAT457Y/1000Y	Real Analysis II	60	1 (tutorial)
MAT240F	Algebra I	95	2	MAT1100Y	Grad. Algebra	90	1
MAT244F	Intro ODEs	80	2	MAT1100Y	Grad. Algebra	60	1 (tutorial)
MAT244S	Intro ODEs	95	2	MAT1120F	Lie Algebras	45	1
MAT246F	Conc in Abstract Math	50	2	MAT1300Y	Topology	125	1
MAT246S	Conc in Abstract Math	90	2	MAT1300Y	Topology	60	1 (tutorial)
MAT247S	Algebra II	60	2				

Course descriptions can be found at: http://www.artsandscience.utoronto.ca/ofr/calendar/crs_mat.htm
http://www.math.toronto.edu/graduate/courses/descriptions.html

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2008-2009

MATH AID CENTRES, ST. GEORGE CAMPUS

ST. MICHAEL'S COLLEGE MATH AID CENTRE	HOURS	# of Assignments
F TERM	31	4
S TERM	30	4
UNIVERSITY COLLEGE MATH AID CENTRE		
F TERM	26	4
S TERM	25	4
VICTORIA COLLEGE MATH AID CENTRE		
F TERM	30	4
S TERM	31	4
NEW COLLEGE MATH AID CENTRE		
F TERM	20	3
S TERM	20	3
TRINITY COLLEGE MATH AID CENTRE		
F TERM	50	2
S TERM	50	2

FACULTY OF APPLIED SCIENCE AND ENGINEERING, ST. GEORGE CAMPUS

For description of the courses listed below refer to the Faculty of Applied Science and Engineering website.

COURSE	COURSE TITLE	HOURS	# of Assignments
APM384F	Partial Differential Equations	TBA	TBA
MAT185S	Linear Algebra	TBA	TBA
MAT186F	Calculus I	TBA	TBA
MAT186S	Calculus I	TBA	TBA
MAT187S	Calculus II	TBA	TBA
MAT188F	Linear Algebra	TBA	TBA
MAT188S	Linear Algebra	TBA	TBA
MAT190F	Matrix and Vector Algebra	TBA	TBA
MAT194F	Calculus I	TBA	TBA
MAT195S	Calculus II	TBA	TBA
MAT196F	Calculus A	TBA	TBA
MAT197S	Calculus B	TBA	TBA
MAT292F	Calculus III	TBA	TBA
MAT294F	Calculus & Diff Equ	TBA	TBA
MAT389F	Complex Analysis	TBA	TBA

Course descriptions can be found at:
http://www.undergrad.engineering.utoronto.ca/Assets/Calendar0809/chapter+8.pdf

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2008-2009

UNIVERSITY OF TORONTO AT MISSISSAUGA

COURSE	COURSE TITLE	HOURS	# of Assignments
MAT102H5F	Mathematical Proofs	TBA	TBA
MAT102H5S	Mathematical Proofs	TBA	TBA
MAT133Y	Calculus & Linear Algebra	TBA	TBA
MAT134Y	Calculus for Life Sciences	TBA	TBA
MAT135Y	Calculus	TBA	TBA
MAT137Y	Calculus	TBA	TBA
MAT202H5S	Mathematical Abstraction	TBA	TBA
MAT223H5F	Linear Algebra I	TBA	TBA
MAT223H5S	Linear Algebra I	TBA	TBA
MAT212H5S	Differential Eqns. & Modeling	TBA	TBA
MAT224H5S	Linear Algebra II	TBA	TBA
MAT242H5F	Differential Equations I	TBA	TBA
MAT252H5S	Differential Equations II	TBA	TBA
MAT232H5F	Calculus of Several Variables	TBA	TBA
MAT301H5F	Groups and Symmetries	TBA	TBA
MAT302H5S	Finite Fields and Applications	TBA	TBA
MAT309H5S	Mathematical Logic	TBA	TBA
MAT311H5F	Partial Differential Equations	TBA	TBA
MAT334H5F	Complex Variables	TBA	TBA
MAT344H5F	Introduction to Combinatorics	TBA	TBA
MAT315H5S	Number Theory	TBA	TBA
MAT332H5S	Nonlinear Dynamics & Chaos	TBA	TBA
MAT368H5S	Vector Calculus	TBA	TBA
MAT378H5S	Foundations of Analysis	TBA	TBA

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
MATA01H3F	Preparation for Calculus	TBA	TBA
MATA30H3F	Calculus I	TBA	TBA
MATA30H3S	Calculus I	TBA	TBA
MATA32H3F	Calculus Management I	TBA	TBA
MATA32H3S	Calculus Management I	TBA	TBA
MATA33H3S	Calculus Management II	TBA	TBA
MATA35H3S	Calculus II for Biological Science	TBA	TBA
MATA36H3S	Calculus II for Physical Sciences	TBA	TBA
MATA37H3S	Calculus II for Math Sciences	TBA	TBA

Note: There may be some additional grader postions in MATB44H3F, MATC01H3F, MATC02H3S, MATC15H3S, MATC16H3F, MATC25H3F, MATC34H3F, MATC35H3F, MATC37H3F, MATC44H3S, MATC46H3S. Hours and number of assignments are unknown at this time, but if you are interested you should indicate it on your application form; you will then be considered for these if the positions arise.

Course descriptions can be found at:
http://www.utsc.utoronto.ca/courses/calendar/Mathematics.html

DEPARTMENT OF MATHEMATICS - APPLICATION FOR TEACHING ASSISTANTSHIP

FOR SEPTEMBER 2008 TO APRIL 2009

APPLICATION DEADLINE: FRIDAY, JUNE 27, 2008

Surname: _____

First name: _____

U of T student #: _____

E-mail: _____

Telephone #: _____

Home address: _____

_____

In September 2008 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 following 3 pages)
	St. George	
	UTM	
	UTSC	

FOR UNDERGRAD APPLICANTS ONLY:

Program/dept.:

Campus where are you registered (circle one): StG UTM UTSC

Most advanced math course(s) completed:

COMPLETE AND RETURN ONLY THIS FORM TO DIANA LEONARDO'S mailbox in room BA6290A