### MAT232H5S, LEC0103 – Calculus of Several Variables

Differential and integral calculus of several variables: partial differentiation, chain rule, extremal problems, Lagrange multipliers, classification of critical points. Multiple integrals, Green’s theorem and related topics.

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<th>Course Number, Title and Description</th>
<th>(Estimated) Course Enrolment</th>
<th>(Estimated) Number of Positions</th>
<th>(Estimated) TA Support</th>
<th>Dates of Appointments and Class Schedule</th>
<th>Qualifications</th>
<th>Duties</th>
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<td>MAT232H5S, LEC0103 – Calculus of Several Variables</td>
<td>110</td>
<td>1</td>
<td>45 hrs per tutorial &amp; per semester</td>
<td>Jan – Apr 2023 Tue 1-3 Thu 2-3</td>
<td>Ph.D. in Mathematics, completed or nearly completed. Or current registered PDF in Mathematics. Advanced comprehension of the subject matter as evidenced by research activity and/or advanced teaching experience. Strong organizational, interpersonal, and communication skills. Demonstrated evidence of excellence in teaching preferred. Preference will be given to candidates with demonstrable currency and mastery. The need to acquire experience is the more relevant criterion than past teaching experience in respect of this posted position.</td>
<td>Responsible for all aspects of delivering a university credit course including: planning the lectures, tutorials, assignments and tests and marking schemes; providing appropriate contact time outside of class to students, through office hours, emails, etc.; invigilating the final exam; managing the grades and submitting the final course grades; dealing with student petitions, setting and grading a make-up exam if required.</td>
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Emergency MAT Job Posting For Course Instructors

- your current status; your department; your research area
- the name and e-mail address of at least one reference who can comment on your teaching ability (optional)

To access accommodations during the application and hiring processes, and throughout the duration of the appointment, please contact Prof. Jacopo De Simoi jacopo.desimoi@utoronto.ca

- The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

- Candidates who are members of Indigenous, Black, racialized and LGBTQ2S+ communities, persons with disabilities, and other equity seeking groups are encouraged to apply, and their lived experience shall be taken into consideration as applicable to the position.

- The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission. The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities. If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca. During employment, to request accommodation from the University, contact the supervisor or department chair and/or Health & Wellbeing Programs & Services at hwb@utoronto.ca. For more information about accommodations at U of T, please visit our Accommodation webpage.

- Duties of this position shall be performed at the campus on which the position is located. Where the duties are intended to be performed at another location, such other location will be specified in the posting.

- The hiring criteria for Course Instructors positions are academic qualifications, the need to acquire experience, previous teaching experience and previous satisfactory employment under the provisions of this Collective Agreement.

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

- Positions posted here are open to Graduate Students in the School of Graduate Studies, Postdoctoral Fellows and Undergraduate Students in the University of Toronto.

Note: 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. Duties of this position shall be performed at the campus on which the position is located. Where the duties are intended to be performed at another location, such other location will be specified in the posting.