Department of Mathematical and Computational Sciences   Posted: September 28, 2022
University of Toronto Mississauga

Session: Winter 2023   Applications due by: **October 28, 2022**

Course Number, Title and Description	(Estimated) Course Enrolment	(Estimated) Number of Positions	(Estimated) TA Support	Dates of Appointments and Class Schedule	Qualifications	Duties
CSC413H5S LEC0101 – Neural Networks & Deep Learning An introduction to neural networks and deep learning. Backpropagation and automatic differentiation. Architectures: convolutional networks and recurrent neural networks. Methods for improving optimization and generalization. Neural networks for unsupervised and reinforcement learning.	60	1	54 hours per 30 students enrolled per semester	Jan 2023 – Apr 2023 Mon 13:00-15:00	Enrollment in or completion of a graduate degree in Computer Science or education. Advanced comprehension of the subject matter as evidenced by research activity, industry experience, or teaching experience. Strong organizational, interpersonal, and communication skills. The need to acquire experience is the more relevant criterion than past teaching experience in respect of this posted position.	Duties include: planning the lectures, assignments and tests and marking schemes; providing appropriate contact time outside of class to students through office hours, emails, etc.; invigilating the midterm and final exam; managing the grades and submitting the final course grades; handling student petitions; setting and grading a make-up exam if required. While there is a lot of room for creativity in course delivery, instructors will be expected to follow the basic content and style used by the faculty members who normally teach the course.

Rate of pay for Course Instructor is $8,142.51 + vacation for half course (exclusive of vacation pay).

Final availability of the position is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

Application Process: If interested, please reply to: jobsmcs.utm@utoronto.ca with the following information by **October 28, 2022:**
    - your current CV, including a clear description of your teaching experience;
    -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. Daniel Zingaro: daniel.zingaro@utoronto.ca.

o 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.

Prepared September 28, 2022

o 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.

o 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.

o 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.

o 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.

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

o 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.