

Department Description:

[McMaster Continuing Education](#) (MCE) provides professional education to individuals and corporate clients, to enhance careers and foster workforce development. Our vision is “to achieve national distinction for high quality, flexible and innovative professional education programs”.

Position Description:

MCE is currently accepting applications for part-time course instructors to teach in the health data analytics professional development program. In this role, you will provide online instruction using adult learning techniques, such as presentations, discussions, case studies, and group activities. Instructors may be responsible for the design, development and delivery of course content and the development of methods to assess and evaluate student progress. Instructors will complete formative and summative evaluations of students.

Courses:

Instructors are required for courses offered in the program:

- [HTH 100 Understanding the Canadian Healthcare System](#)
- [HDA 101 Foundations of Health Data](#)
- [HDA 102 Statistics Analysis for Health Data](#)
- [HDA 103 Communicating with Data](#)
- [HDA 104 Predictive Analytics for Health Data](#)

Course Format:

Courses are delivered online (virtual, asynchronous). Supplemental course resources, assignment submission, and student advisement will use McMaster University’s learning management system (LMS), Brightspace (Desire to Learn). Courses are scheduled throughout the academic year.

Accountabilities:

1. Develop an instructional plan for the course and complete pre-course preparation including preparation of online course site and resources.
2. Deliver session content according to course schedule using effective instruction and facilitation techniques suitable for diverse, adult learners.
3. Assess student progress by preparing, revising, administering, and grading tests and quizzes, as well as grading assignments.
4. Contribute to ongoing design/development of course materials and content in a way that complements other course offerings in the program.
5. Corresponds with students in a timely manner as required during the course offering.
6. Complete all required correspondence and administrative tasks.

Please note: course outlines, learning objectives, suggested readings and assessments are developed as part of McMaster's academic approval process and do not need to be developed by the instructor.

Qualifications:

The ideal candidate will be a health practitioner and/or data analyst professional with extensive experience in the field(s) of data collection, analysis, and visualization. A minimum of a Master's Degree or equivalent in an appropriate field of study and experience teaching in adult education is required.

Assets:

A strong understanding and experience of the Canadian healthcare system and the nature of data collected, used and analyzed with the system. Proficiency with data analytics software and visualization tools, such as SAS, R or Python, PowerBI and Tableau. Additional requirements include broad sector knowledge, a statistical background, strong interpersonal and organizational skills, proven research skills and problem-solving ability, computer acumen, and a demonstrated ability to enable others to learn.

Candidates must be available to teach live, online sessions as required (using Zoom, MS Teams or WebEx) and scheduled for weekday evenings and/or weekends.

Interested candidates:

Send resume and cover letter to McMaster Continuing Education (Instructor/SME email account), instrapp@mcmaster.ca. Please indicate "Health Data Analytics Instructor Application" in the subject line.

Only qualified candidates will be contacted. MCE does not send confirmation of receipt of applications.

Employment Equity Statement

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and within the lands protected by the "Dish With One Spoon" wampum agreement.

The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration and diversity and has a strong commitment to employment equity.

The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from indigenous (First Nations, Métis or Inuit) peoples, members of racialized communities, persons with disabilities, women, and persons who identify as 2SLGBTQ+.

Job applicants requiring an accommodation to participate in the hiring process should contact the [Human Resources Service Centre](#) at 905-525-9140 ext. 222-HR (22247) to communicate accommodation needs.