

INSTRUCTOR POSITION AVAILABLE - 2023/24

General Chemistry II: Thermodynamics and Kinetics Department of Chemistry Queen's University, Kingston, ON CAN K7L 3N6

The Department of Chemistry in the Faculty of Arts and Science at Queen's University invites applications from suitably qualified candidates interested in teaching **General Chemistry II (CHEM 114/3.0)**. This is an online undergraduate course with an expected enrolment of 150 students. This is a Spring/Summer term appointment for the period June 1, 2024 to August 31, 2024, with classes in session from July 2, 2024 to August 13, 2024.

Candidates should have an MA or PhD in **Chemistry** and teaching experience at the University level in **Chemistry**, or a related discipline as well as experience working within an online learning management platform (such as onQ, D2L, Blackboard, etc.).

As this course is being offered online, in addition to expertise in the relevant academic subject, successful candidates will also:

- have regular access to high-speed internet and a computer that meets current specifications
- be willing to take an active role in delivering the course and communicating regularly with students
- be open to learning how to use the new technologies in order to be effective in the virtual environment
- be flexible in terms of availability, which may include offering online office hours via the web at times outside of the regular 9-5 work week
- be willing to provide students with timely and constructive feedback
- be comfortable with working in a partnership with Arts and Science Online in the delivery of the course
- be comfortable supervising a team of Teaching Assistants.

The online course is already developed, so teaching duties would primarily consist of assisting in updating those materials, engaging students throughout the course to facilitate their learning and providing effective feedback. Support from Arts and Science Online will be provided to assist in the management of course activities.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during this process, please contact: Chemistry Administrative Coordinator at 613-533-2624 or chemadco@queensu.ca

The academic staff at Queen's University are governed by the *Collective Agreement* between the Queen's University Faculty Association (QUFA) and the University, which is posted at [Collective Agreements/LoU's/MoA's](#).

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

Applications should include a complete and current curriculum vitae, letters of reference from two (2) referees, and any other relevant materials the candidate wishes to submit for consideration such as a letter of intent, teaching dossier, etc. **Please arrange to have applications and supporting letters sent directly to:**

Dr. Philip Jessop, Dept. Head
Department of Chemistry
Queen's University
Kingston Ontario Canada K7L 3N6
depthead@chem.queensu.ca

Applications will be received until April 1, 2024. Review of applications will commence shortly thereafter, and the final appointment is subject to budgetary approval. Additional information about the Arts and Science Online can be found at http://www.queensu.ca/artsci_online/

Preference will be given to candidates that can also teach CHEM 113- General Chemistry I.

Course Description:

CHEM 114 General Chemistry II (with Virtual Laboratory): Thermodynamics and Kinetics

Units: 3.00

A quantitative treatment of chemical phenomena and materials. Critical thinking and problem solving are emphasized. Topics include thermodynamics, chemical equilibria, acids and bases, kinetics, electrochemistry and organic reactions. The virtual laboratory provides basic practice in different types of chemistry.

NOTE Only offered online, consult Arts and Science Online.

Learning Hours: 126 (72 Online Activity, 54 Private Study)

Requirements: Prerequisite CHEM 113/3.0. Exclusion CHEM 112/6.0. Note Not normally intended for on-campus degree plans and certificates. Not appropriate for pre and upper level courses that have a laboratory component.

Posted: **March 12, 2024**