



Department of GEOMATICS ENGINEERING

Telephone: (403) 210-9495

Fax: (403) 284-1980

Email: [geomatic@ucalgary.ca](mailto:geomatic@ucalgary.ca)

## Academic Career Opportunity

Title: Tenure-Track Instructor, Geomatics Engineering

Location: Schulich School of Engineering, University of Calgary

Preferred Start Date: July 1, 2016

## Position Overview

The **Department of Geomatics Engineering** in the **Schulich School of Engineering** at the University of Calgary is pleased to invite applications for a **tenure-track** position at the rank of **Instructor** in the area of surveying and mapping with a preferred start date of July 1, 2016. The Department is interested in applicants with a demonstrated background and ability to teach courses in land tenure and cadastral systems, survey law, land use planning and hydrographic surveying. The successful applicant will be expected to teach courses in these areas as well as fundamental courses in general engineering and geomatics engineering.

An instructor is an academic staff member whose primary role is instruction. Research and scholarly activity related to engineering education and pedagogy is strongly encouraged. In addition to course teaching load, instructors are expected to participate in undergraduate project supervision and in administrative duties, such as committee service.

## Qualifications/Requirements

The successful candidate will have a strong interest in undergraduate (and possibly graduate) education and in the scholarship of teaching and learning. A demonstrated ability to teach both small and large classes over a wide range of undergraduate courses in engineering is preferred. Candidates should have strong oral and written English communication skills. All program instruction is in English.

Applicants should have earned a master's degree in geomatics engineering or a closely related discipline. Having full-time professional engineering and/or professional surveying work experience will be considered a strong asset.

Candidates must be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Information about becoming a

professional engineer can be found at <http://www.applyatapega.ca/index.htm>. Registration in a Canadian jurisdiction as a professional land surveyor will be an asset.

## Application Process

Applications are encouraged as soon as possible, but will be accepted February 28, 2016. Review of applications will commence March 1, 2016 and continue until the position is filled.

Interested individuals are requested to submit a detailed curriculum vitae, academic transcripts and the name and contact information of at least three referees along with responses to the following two statements (each statement may be a maximum of 2 pages):

- i Teaching interests with respect to technical subject areas and how you would plan and deliver an undergraduate engineering course.
- ii Statement of potential future research activity, that includes
  - a. Research Objectives
  - b. Recent activity in this area
  - c. Methodology (how will the research be conducted)
  - d. Significance and potential impact of the research

Applications should be addressed to:

Derek Lichti, PhD PEng

Professor and Head

Department of Geomatics Engineering

Schulich School of Engineering

Applications should be sent via email to [geomatic@ucalgary.ca](mailto:geomatic@ucalgary.ca)

Salary is competitive and will be determined according to the successful applicant's accomplishments, experience and qualifications.

*The University of Calgary believes that a respectful workplace, equal opportunity and building a diverse workforce contribute to the richness of the environment for teaching, learning and research, and provide faculty, staff, students and the public with a university that reflects the society it serves. We encourage all qualified applicants to apply, however preference will be given to Canadian citizens and permanent residents of Canada. In this connection, at the time of your application, please answer the following questions: Are you legally entitled to work in Canada (Yes/No) and are you a Canadian citizen or a permanent resident of Canada? (Yes/No)*

## About the Department

The Department of Geomatics Engineering is actively involved in all aspects of geomatics engineering and has 17 faculty members, some 120 graduate students, and approximately 50 students in each year

of the undergraduate program. State-of-the-art geomatics engineering equipment and computer facilities are available. Offering BSc, MSc, MEng and PhD degrees, the Department has a strong commitment to excellence in education and research. Related information can be found at <http://www.geomatics.ucalgary.ca>.

## **About the University of Calgary**

The University of Calgary is a leading Canadian university located in the nation's most enterprising city. The university has a clear strategic direction to become one of Canada's top five research universities by 2016, where innovative teaching and groundbreaking research go hand in hand, and where we fully engage the communities we both serve and lead. The strategy is called Eyes High, inspired by our Gaelic motto, which translates to 'I will lift up my eyes'.

To succeed as one of Canada's top universities, where new ideas are created, tested and applied through first-class teaching and research, the University of Calgary needs more of the best minds in our classrooms and labs. We're increasing our scholarly capacity by investing in people who want to change the world, bringing the best and brightest to Calgary to form a global intellectual hub and achieve advances that matter to everyone.

## **About Calgary, Alberta**

Named a cultural capital of Canada and one of the best places to live in the world, Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from the strongest economy in the nation and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.