



Temporary Full-Time

INSTRUCTOR CAD, GPS & LAND SURVEY

The School of Horticulture and Geospatial Technology has an opportunity available for a temporary full-time instructor in the areas of AutoCAD, basic land survey and measurement, and basic GPS. These introductory geospatial technology courses are taught to several different programs at the college, including Land & Water Resources, Environmental Horticulture, Landscape Gardener Apprentice & Land Agents. *The anticipated term of this appointment is from August 4, 2009 to April 30, 2010.*

Instructional responsibilities include curriculum development, class preparation, instructional delivery, learner evaluation and facilitating a positive learning environment.

Two representative course descriptions related to this workload are:

LGIS 130 – Digital Land Graphics - This is an introductory course in CAD (Computer Aided Drafting) using Autodesk software. Drawing commands will be used to create two-dimensional drawings including dimensioning and text. Basic drawings will be further enhanced using AutoCAD's editing commands along with layers, color and line types. The concepts prepare the learner to move on to more advanced CAD activities or to adapt to other CAD software.

CAD 1000 – Site Assessment Methods - In this course, site documentation and data are collected and mapping is done to support a horticultural site assessment. Students use GPS, a variety of field measurement methods, field notes and sketching to record site inventory and characteristics. A variety of software is used to integrate layers of survey information, air photos and field data to create site plans. The course requires significant walking outdoors in a variety of weather conditions and using equipment to collect on-site data.

The successful candidate will have a minimum of a diploma and at least 3 years of related industry experience, with demonstrated competence in the use of CAD, GPS and survey technology. Individuals with other combinations of education and experience may be considered. Strong interpersonal, organizational, and communication skills are required. Previous experience as an industry trainer or an instructor at the post-secondary level would be a definite asset.

Please forward a resume *quoting competition #09050F by June 18, 2009*. For further information on this or other employment opportunities, please visit our website at www.oldscollege.ca/employment. Applications may be e-mailed to employop@oldscollege.ca or sent to the address below:

**Human Resources
Olds College
4500 - 50 Street, Olds, Alberta T4H 1R6**

Fax: (403) 556-4794

Only those selected for interviews will be contacted