

This series of seminars is for those who are new to this technology or use it in their workplace on a daily basis. You can choose to enroll in the whole week or enroll in any combination of seminars.

GPS and Mapping Week

APRIL 26 - 29
2010



**OLDS
COLLEGE**

CONTINUING
EDUCATION
www.oldscollege.ca/ce

Basic Handheld GPS

GPS is used by industry and by consumers as an efficient method of collecting data that can be used in mapping and geographic information applications. This is an introductory course for those wishing to use GPS for business or recreational purposes. The course will be primarily hands-on, using handheld GPS receivers and desktop computers. It will include the following topics and activities:

- discuss the basic GPS components and principles
- use GPS to navigate to given locations
- use GPS to collect field positions to be used for a map
- transfer data between a GPS receiver and a computer
- produce a map using GPS data collected in the field
- add an air photo background to a GPS map

Collection Day

Olds College	Bell eLearning Centre
April 26, 2010	8:30 am – 4:00 pm
\$349 + GST	(includes supplies, refreshments & lunch)

Processing Day

Olds College	Bell eLearning Centre
April 27, 2010	8:30 am – 4:00 pm
\$349 + GST	(includes supplies, refreshments & lunch)

Basic Professional GPS

This is an introductory course for those wishing to use professional GPS for mapping purposes. The course will be primarily hands-on, based on a Trimble handheld GPS receiver and Office software. It will include the following topics and activities:

- Discuss the basic GPS components, principles and performance
- Perform basic GPS receiver setup and configuration
- Create a data dictionary
- Use GPS to collect field positions and attributes suitable for a GIS
- Transfer data between a GPS receiver and a computer
- Produce a map by processing GPS data in the Trimble Office application
- Increase accuracy using differential correction by post processing
- Export GPS data for use in applications such as AutoCAD and ArcGIS

Olds College	Bell eLearning Centre
April 26 - 27, 2010	8:30 am – 4:00 pm
\$799 + GST	(includes supplies, refreshments & lunch)

Using Geospatial Data in Autocad

In this one day course you will have an introduction to AutoCAD so that you can create basic objects, and use existing CAD data. Different data types including spatial data (vector and raster) and attribute data will be discussed along with examples and their applications. Data from various sources such as GPS, CAD drawings, air photos and scans will be integrated into a georeferenced plan to provide added value. Information about distances, areas and location will be taken from the overall plan.

At the end of this seminar, you will be able to:

- create and edit basic CAD objects
- insert and scale an air photo
- insert and scale scanned data
- overlay a survey plan
- add GPS data to a plan
- work with georeferenced data
- Hyperlink pictures of a site

Olds College	Bell eLearning Centre
April 28, 2010	8:30 am – 4:00 pm
\$349 + GST	(includes supplies, refreshments & lunch)

Introduction to ESRI ARCGIS 9.3 – 1 or 2 Day Sections

Geographic Information Systems (GIS) are being used extensively to manage information that is associated with features that have geographic locations. GIS computer programs not only produce maps, but they also link and manage the information associated with features on the maps. This is an introductory course designed to give you hands-on experience in the use of ESRI's ArcGIS 9.3 desktop GIS software and selected types of data that are used for GIS. Come and find out why ESRI continues to be one of the leading GIS software providers around the world. You will become familiar with the basic spatial data loading, manipulation and map making capabilities of this industry standard software.

For Day 1 (May 13) - Participants will:

- discover basic GIS concepts and principles
- learn the basics of ArcCatalog for managing and previewing geographic data
- acquire an overview of ArcGIS Projects, Data Frames and Layers
- perform queries to find information from a GIS
- Create Simple Maps

For Day 2 (May 14) - Participants will:

- Perform advanced GIS layer symbolization and display in ArcMap
- Use ArcToolbox to re-project source data
- Perform advanced GIS query and analysis operations
- Create, export and print map layouts in ArcMap

Olds College	Bell eLearning Centre
April 28 - 29, 2010	8:30 am – 4:00 pm
1 Day Fee:	\$349 + GST (includes supplies, refreshments & lunch)
2 Day Fee:	\$649 + GST (includes supplies, refreshments & lunch)

**FOR REGISTRATION AND INQUIRIES:
Call 403-556-4677 or 1-800-661-6537 ext. 4677**

Olds College leads real-life, hands-on education in Canada. We help you explore your passion.

Sign up Today!

To ensure your enrollment in class please register at least two weeks prior to start date.

Fees are due at time of registration.

Confirmation of Registration: Once you have been registered in a course, you will receive a confirmation of registration through the mail together with a map of the college.

If you do not receive this within two weeks of registering, please contact us at 403-507-7956 or 1-800-661-6537 ext. 7956.

Refund and Cancellation Policy: Continuing Education courses and programs are offered on a full cost recovery basis.

Application for a course fee refund that is received at Olds College two (2) full weeks prior to the course start date will be granted in full (less any applicable course specific deposits that are non-refundable), as long as the request is accompanied by the original course receipt.

Refund requests received less than two (2) full weeks prior to the course will be subject to a 50% processing and service fee, less any non-refundable deposits. Non-attendance does not constitute notice of withdrawal. No refunds will be issued after the commencement of a course.

In the event that a course is cancelled, registrants will automatically receive a full refund, unless they advise the Registrar's office of their desire to transfer to another course.

Olds College reserves the right to cancel any course in which the minimum student registration is not achieved and to make changes in course content as circumstances may require. Every effort will be made to advise students by telephone or mail of cancellations before commencement date.

This policy applies to all Continuing Education course offerings unless otherwise noted for specific courses or programs. Withdrawal for compassionate reasons will be considered on an individual basis.

This brochure was published for information purposes only. It sets forth the program intentions of Olds College who reserves the right to cancel any program or course, and to alter fees and charges as necessary.

Easy to Register



Phone:

Rachel at 403-556-4677
Nancy at 403-507-7956
Gloria at 403-556-8299
or 1-800-661-6537 ext. 4677 /
7956 / 8299. Visa or MasterCard only



Fax:

Complete registration form and fax to 403-556-4711. Visa or MasterCard only



Mail:

Complete registration form and address envelope to:
Olds College
Continuing Education
Registrar's Office
4500 - 50 Street
Olds, Alberta T4H 1R6



In Person:

Student Services
Duncan Marshall Place Building
Mon - Fri: 8:15 am - 4:30 pm
Visa, MasterCard, cash,
money order or cheque

Need Accommodations in Olds?

Call Olds College Residence
403-556-8330 or 1-800-661-6537 ext. 8330
OR view the Town of Olds web site:
www.town.olds.ab.ca/accommod.html

FOR MORE INFORMATION

Call: 1-800-661-6537 ext.4677
or 403-556-4677

Email: coned@oldscollge.ca

www.oldscollge.ca/ce

GPS & Mapping Week

Please print clearly

Date: _____ Student I.D. Number: _____

First Name: _____

Middle Name: _____

Last Name: _____

Maiden Name: _____

Email Address: _____

Date of Birth: (month / day / year) _____

Marital Status: Single Married Other Gender: F M

Mailing Address: _____

City/Town: _____

Province: _____ Postal Code: _____

Home Phone: _____ Business Phone: _____

Fax: _____

FEE ENCLOSED:

- Basic Handheld GPS Collection Day \$349 +GST
- Processing Day \$349 +GST
- Basic Professional GPS \$799 +GST
- Using Geospatial Data in Autocad \$349+ GST
- Introduction to ESRI ARCGIS 9.3 Day 1 \$349 +GST
- Day 2 \$349 +GST
- Day 1 & 2 \$649 +GST

Due at time of registration **Total Fee Enclosed: \$:** _____

METHOD OF PAYMENT:

Cheque (enclosed) – payable to Olds College
– no postdated cheques will be accepted

Visa MasterCard

Card Number: _____

Expiry Date: (month / year) _____

Card Holder Name: _____

Signature: _____

FOIP Statement: The personal information which you provide on this application form is being collected under the authority of the Freedom of Information and Protection of Privacy legislation of the Government of the Province of Alberta for the purpose of registering for a Program or Course through Continuing Education at Olds College; Conducting program/course evaluation and research and creating a mailing list for future program, course opportunities. In certain instances, this information may be shared with third party organizations who are actively involved in providing specific educational offerings. Public inquiries concerning the collection, use and disclosure of personal information provided on this application form should be directed to the Olds College FOIP Coordinator.

If you object to information being shared with third party organizations associated with Olds College courses, please check the box to the right.

Aboriginal Ancestry: If you wish to declare that you are an Aboriginal person, please specify: Status Indian/First Nations Metis Non-Status Indian/First Nations Inuit

Alberta Advanced Education and Technology is collecting this personal information pursuant to Section 33(c) of the FOIP Act as the information relates directly to and is necessary to meet its mandate and responsibilities to measure system effectiveness and develop policies, programs and services to improve Aboriginal learner success in addition to other legislation applicable to the educational institution.

For further information or inquiries contact the FOIP Coordinator, Olds College, 4500 - 50th Street, Olds, AB T4H 1R6, (403) 507-7912, hcarnota@oldscollge.ca