



Teaching with Spatial Technology

*K-12 Educators: Learn some fun and easy ways to teach
with GIS and GPS in the classroom!*

June 22-26, 2009

Chemeketa Community College

Salem, Oregon

Teaching with Spatial Technology (TwIST), is designed to teach K-12 educators how to use Geographic Information Systems ([GIS](#)) and Global Positioning Systems ([GPS](#)) in the classroom to create meaningful and challenging lesson plans for your students. Join us for a week in Salem, OR so you can become proficient in the many aspects of this exciting and imaginative technology.

These two technologies are the backbone tools for capturing and managing spatial data. There are literally thousands of applications that you can accomplish with your students around your school and community. They can range from resource management to environmental assessment to cartography, etc., and be taught at various levels of complexity. The applications are endless.

The Conference is sponsored by the Oregon Institute of Technology (www.oit.edu) in cooperation with the Institute for the Application of Geospatial Technology (IAGT) and Cayuga Community College in Auburn, New York. Other sponsors include the Land Surveyors Association of Washington (www.lsav.org) and the Professional Land Surveyors of Oregon (www.plso.org).

The conference will be held in Salem, Oregon on the Chemeketa Community College campus from June 22 - 26, 2009. All instruction will be at the beginning/intermediate level. The course is a mixture of classroom study and field exercises.

You will be working on a project that you create and design within the parameters of the spatial technology that will be taught to you. Many examples will be provided to you for reference if needed. All of this will be accomplished by learning to use GIS software, a GPS receiver, and other related material.

Application Process

The course is limited to 24 registrants. The determination of acceptance is based upon the date the registration form is received and must be followed by payment within five days of registration receipt.

The minimum number of registrants is 18. All checks for registration will be held until the minimum is attained. You will be notified of receipt of your registration form and payment.

See the registration form attached.

Registration deadline is June 5, 2009

Conference Costs

Registration Fee

There is a registration fee of \$500 to cover costs that the sponsors cannot. This fee includes all books and materials used in the conference, [ESRI GIS software](#) for teachers, a Garmin GPS receiver and PC cable for downloading data to your computer, a 2GB thumb drive, a hand compass, and other training material. A campus food service credit for some meal and break items will be provided.

Lodging

There are numerous commercial lodging opportunities available in the Salem area. There is no lodging within a comfortable walking distance to the college campus.

Prior approval from Campus Security is required if overnight parking is needed on the campus. They can be contacted at 503-399-5023.

Lodging accommodations can be found at: [Salem Lodging](#)

Area and Campus Map

[Chemeketa Community College campus map](#)

Classroom Location

Our classrooms are in Building 4, upstairs.

Campus Parking

Parking permits are not required the first two weeks of any term. The course falls within this timeframe.

Other Information

Washington State Clock Hour requirements are being sponsored and supported by [South Puget Sound Community College](#) and a certificate of completion will be provided for Oregon Certification requirements

A [Geocaching](#) event will take place on the Chemeketa Community College campus Wednesday evening.

Information

For more information about TwiST, contact Tim Kent, TwiST Course Coordinator, at takent@comcast.net or 360-254-4905h/f or 360-921-9233c.



Teaching with Spatial Technology

Abbreviated Agenda

The classroom and computer lab are in Building 4, upstairs.

Sunday, June 21st

6p – 8p Ice Breaker at local hotel (TBA)

Monday, June 22nd

8a – 9a Introductions and Welcome

9a – noon GPS Introduction

Lunch

1p – 5p Intro to ArcGIS I

Tuesday, June 23rd

8a – noon Intro to ArcGIS I

Lunch

1p – 5p GPS Field

Evening

Wednesday, June 24th

8a – noon Intro to ArcGIS I

Lunch

1p – 4p GPS Field

5p – 7p BBQ and GeoCache event

Thursday, June 25th

8a – noon

Intro to ArcGIS I

Lunch

1p – 5p

Compass/Pacing/Map Fieldwork

Friday, June 26th

8a – 11a

Individual Study and Wrap-up

11a – noon

Evaluation and Closeout



Teaching with Spatial Technology

2009 Registration

Your Personal Information

First Name _____
Last Name _____
Address 1 _____
Address 2 _____
City _____
State _____
ZIP _____
Phone _____
Email _____

Your School or Organization Information

School Name _____
School District _____
Address 1 _____
Address 2 _____
City _____
State _____
ZIP _____
Phone _____
Email _____

Teaching and Computer Information

Primary Grades you work with: _____
Main Subjects you teach: _____

Your level of computer expertise: Beg _____ Int _____ Adv _____

I have used: GIS Software Y / N GPS Instruments Y / N

Limited Enrollment

The course is limited to 24 registrants. The determination of acceptance is based upon the date the registration form is received and must be followed by payment within five days of registration receipt.

The minimum number of registrants is 18. All checks for registration will be held until the minimum is attained. You will be notified of receipt of your registration form and payment.

Fees

Registration \$ 500.00

Registration includes all course teaching materials, Intro to ArcGIS I course certificate, one-year GIS software license, Garmin GPS unit, hand compass, lunch/break tickets, and other related material.

Payment Method

The only payment acceptable is a check made out to OIT.

You may Email or FAX your registration form to reserve your place and then mail a copy of your registration form along with your check to:

Tim Kent
14319 SE 16th Circle
Vancouver, WA 98683-7545

Please email to takent@comcast.net or FAX to 360-254-4905

For further information please contact Tim Kent at 360-254-4905h/f or 360-921-9233c.