



Teaching with Spatial Technology (TwiST) June 20-24, 2016 - Clark College, Vancouver, WA

General Overview - What is TwiST?

Teaching with Spatial Technology (TwiST), is designed to teach grade 6-12 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 Vancouver, WA 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 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.

Cost – How Much Does TwiST Cost?

Tuition for the week long workshop is only \$600. **Great news – in most cases, there are sponsorships for both tuition and travel costs available!** Contact WFPS at (707) 578-1130 to determine if there are sponsored seats available in your area.

Tuition - \$600

This includes all course teaching materials, ESRI GIS Software for teachers, Garmin GPS receiver, PC cable for downloading data to your computer, a 2GB thumb drive, hand compass, and other training material.

Lodging

There are several hotels within a 5 mile radius of the campus. However, the Comfort Inn & Suites (listed below) is approximately 1 mile from campus and within walking distance of restaurants. We have negotiated special rates with the Comfort Inn & Suites.

Comfort Inn & Suites

401 E 13th Street

Reservations: (360) 696-0411

Group Rate: \$82.99 plus tax (double beds)

Group Code: Western Federation of Professional Surveyors

Complimentary Amenities Included: Breakfast buffet, wireless internet

<http://vancouverwahotel.com/>

Registration Information – Seating is Limited, Register Early!

The course is limited to 21 registrants. The registration deadline is April 15th and registrations will be accepted and processed on a first-come, first-serve basis.

Complete and return the attached registration form at your earliest convenience.



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Scarpelli Hall - Room 124

Abbreviated Agenda

Sunday, June 19th

6:00 PM - 8:00 PM Icebreaker Dinner (Comfort Inn & Suites)

Monday, June 20th

8:00 AM - 10:00 AM Introduction and Welcome
10:00 AM - 12:00 PM GPS Introduction
12:00 PM - 1:00 PM Lunch (on own)
1:00 PM - 5:00 PM Introduction to ArcExplorer
5:00 PM - 6:00 PM BBQ

Tuesday, June 21st

8:00 AM - 12:00 PM Introduction to ArcExplorer
12:00 PM - 1:00 PM Lunch (on own)
1:00 PM - 5:00 PM GPS Field Orientation

Wednesday, June 22nd

8:00 AM - 12:00 PM Introduction to ArcExplorer
12:00 PM - 1:00 PM Lunch (on own)
1:00 PM - 4:00 PM GPS Field Exercise
5:00 PM - 7:00 PM BBQ and GeoCache Event

Thursday, June 23rd

8:00 AM - 12:00 PM Introduction to ArcExplorer
12:00 PM - 1:00 PM Lunch (on own)
1:00 PM - 4:00 PM Compass/Pacing/Map Fieldwork

Friday, June 24th

8:00 AM - 11:00 AM Individual Study and Wrap-up
11:00 AM - 12:00 PM Evaluation and Closeout

(Classroom and computer lab are upstairs in Building 4)