Enroll Today!
Call 816-271-4100 or toll free 866-894-6465
Fax form to 816-271-5922
Bring payment to Spratt Hall 105 at MWSU
Mail form with check payment to
MWSU Western Institute
4525 Downs Dr., Spratt Hall 105
St. Joseph, MO  64507

NONCREDIT REGISTRATION
Note: if enrolling for credit do not use this form

Full Legal Name ____________________________ (required)
Birthdate ____________________________________________________________________________ (required)
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Are you a citizen of the U.S.  Yes ___  or  No ___

I would like to enroll in the following:
Spring 2015  ($575)
  o MIS 440-01  January 7, 8, 9, 2015
  o MIS 440-02  March 11, 12, 13, 2015

Intersession 2014  ($575)
  o MIS 440-15  May 13, 14, 15, 2015

Method of Payment:
  o Check enclosed (payable to MWSU)
  o Bill company ________________________________ (payable to MWSU)
    Contact Name ________________________________
    Address ______________________________________
    Contact Phone ________________________________
    Note: If invoicing is requested, registration is not complete until billing information has been verified with contact person.

  o For instructions to pay online with Master Card, Discover Card or American Express, please call 816-271-4120. Thank you!

Global Positioning Systems
This three-day, hands-on workshop is designed for participants with little or no working experience with mapping-grade Global Positioning Systems and techniques. The workshop will cover basic concepts of GPS as well as basic operation of data loggers, receivers, and antennas.

Various strategies for collecting positional data in the field will be presented and practiced. Techniques for using real-time and post-processing differential GPS data will be practiced. Post-processing and editing data collected in the field and exporting the data to a spatial graphics package (like CAD or Geographic Information System-GIS) will be covered.

Participants will gain experience using real-time differential GPS for navigation to locations using differential GPS beacons and satellite differential GPS. This workshop will be a mix of lectures, demonstrations, hands-on computer activities and field exercises with GPS equipment and support software.

### Spring 2015

**January 7, 8, 9, 2015**
Wednesday, Thursday, Friday — 8 am - 5 pm  
Non-Credit: MIS440-01 / CRN# 22032  
*Credit: CED490-01 / CRN# 22670  
Spratt Hall 212  
ENROLL BY: December 15, 2014

**March 11, 12, 13, 2015**
Wednesday, Thursday, Friday — 8 am - 5 pm  
Non-Credit: MIS440-02 / CRN# 22032  
*Credit: CED490-02 / CRN# 22672  
Spratt Hall 212  
ENROLL BY: February 25, 2015

**Tuition:** $575 per person + fees if applicable  
**Materials provided.**

### Summer 2015

**May 13, 14, 15, 2015**
Wednesday, Thursday, Friday — 8 am - 5 pm  
Non-Credit: MIS440-15  
*Credit: CED490-15  
Spratt Hall 212  
ENROLL BY: April 29, 2015

**Tuition:** $575 per person + fees if applicable  
**Materials provided.**

*Note: When enrolling for credit, certain criteria must be met before you can be enrolled. Additional fees may apply. Available for 2 credit hours or noncredit option.*

### For More Info

816-271-4100 or toll free 866-894-6465  
missouriwester.edu/professional/gps-workshop/

For information about customizing this course for your institution, please call 816-271-4100.

### Instructor

Dr. Cary Chevalier  
Professional Certified Trainer in GPS Mapping [Trimble]  
Director of GPS mapping-navigation program  
Biology Department  
Missouri Western State University  
Phone: 816-271-4252  
E-mail: cchev@missouriwester.edu

### Subjects Covered

- **GPS Fundamentals**  
- **GIS overview**  
- **GPS overview**  
- **Basic geodesy**

- **Systems Accuracy**  
- **Correction methods**

- **Mapping Projects**  
- **Project steps**  
- **System components**

- **Field Session Planning**  
- **Data dictionaries**  
- **Sources of base files**  
- **Data logger configuration** (Geo Explorer Series Units)

- **Data Collection**  
- **Field techniques**

- **Data Processing with Pathfinder Office**  
- **Configuration**  
- **Differential correction**  
- **Map display and editing**  
- **Plotting**  
- **Exporting**  
- **Batch processing**

- **Waypoints and Navigation**