Monday, November 17
8:10 Meet in hotel lobby for travel to UNAVCO
8:30 Arrive at UNAVCO; breakfast

9:00 Introduction to the workshop; welcome from M. Miller, UNAVCO president
9:05 Group introductions
9:30 Overview of UNAVCO, workshop goals, and objectives (D. Charlevoix)
9:50 Introduction to UNAVCO field support, equipment, geodetic imaging and field education (C. Crosby)
10:10 Importance of field education, research, broader impacts (J. Ryan)
10:30 Field education and best practices (D. Mogk)
10:50 Break

Current GPS/TLS Field Educational Programs Supported by UNAVCO
11:10 Bruce Douglas (IU): TLS at the IUGFS field camp
11:30 Nathan Niemi (U. Michigan): TLS at U. Michigan field camp
11:50 Bob Wang (UH): GPS and LIDAR Education at UH
12:15 Lunch

Current field educational programs (imaging and GPS)
1:00 Katie Kumamoto (Stanford): Lasers on Landscape: Setting up a TLS field course at Stanford
1:20 Beth Bartel (UNAVCO, for Michael Hamburger (IU)): GPS at the Indiana University Sierra field class
1:40 D Sarah Stamps (UCLA): Field Methods for High Precision GPS Measurements: lessons from 3 short-courses in Africa
2:00 Breakout session: What are successes, challenges and existing complimentary materials for field education using geodetic technologies? (with a focus on the technologies discussed in the presentations)
2:45 Break (in kitchen)
3:00 UNAVCO Facility tour and group photo

Current field educational programs continued (GPS and GIS-based mapping)
3:30 Tina Niemi (UMKC): Using RTK GPS and developing tablet fieldbooks for undergraduate research
3:45 Jeff Snyder (BGSU): Integrating GPS/GIS-Based Mapping in a Mobile Five-Week Field Geology Course Taught in New Mexico and Colorado
4:00 Ben Crosby (ISU): Finding a Home for Technology in a Traditional Geology Field Camp: Lessons from Idaho’s Lost River Field Station
4:15 Breakout session: What are successes, challenges and existing complementary materials for field education using geodetic technologies? (with a focus on the technologies discussed in the presentations)

5:00 Group report out

5:20 Wrap up, goals for Day 2

5:40 Return to hotel

6:30 Dinner at Oskar Blues, Longmont

Tuesday, November 18

8:10 Meet in hotel lobby for travel to UNAVCO

8:30 Arrive at UNAVCO; breakfast

9:00 Recap of Monday, agenda and goals for today (D. Charlevoix)

Looking forward: program development

9:15 Karl Kreutz (U. Maine): Field education in Alaska and REU planning

9:30 Diedre Lamb (U. Arizona): Accessibility issues, inside and outside the classroom

9:45 Rick Bennett (U. Arizona): Experiences developing an accessible field trip to the Grand Canyon

10:00 Breakout Discussion: What can UNAVCO do to better support field education in the areas of: 1) equipment and technical support, 2) staffing support and training, 3) curriculum materials and online resources.

10:45 Break

11:00 Breakout Discussion continued.

11:45 Reports from breakout & discussion

12:15 Lunch

1:15 Final breakouts & generation of preliminary set of community recommendations to UNAVCO

2:15 Report out

2:45 Workshop wrap up, next steps

3:00 Workshop adjourns