

**ES458/558 River Geology and Rafting
Tentative Field Trip Itinerary – Summer 2012**

Day 1 Mon. July 23 "The Adventure Begins"

- Stop 1-1 Natural Science Building Roof
- Stop 1-2 North Santiam State Park east of Salem
- Stop 1-3 Big Cliff Dam / Detroit Lakes
- Stop 1-4 Suttle Lake

Drive East / Camp at LaPine State Park

Day 2 Tues. July 24 "From Volcanoes to River Canyons"

- Begin Day Campground Worksheets / Lab Exercises
- Stop 2-1 Paulina Peak
- Stop 2-2 Little Cone Campground / Paulina Lake
- Stop 2-3 Paulina Lake (Paulina Creek Outlet)
- Stop 2-4 Paulina Falls
- Stop 2-5 Paulina Creek Field Exercise (Ogden Group Camp and McKay Crossing)

Camp at Trout Creek, meet River Guides

Day 3 Wed. July 25 "Rafting, Rapids, and Rays"

Raft Preparation / Launch

- Stop 2-1 Lower Trout Creek – Road Cut
- Stop 2-2 (Bebbee et al. Stop 3) Warms Springs Confluence / Railroad Cut
- Stop 2-3 (Bebbee et al. Stop 4) Axford Flood Deposits (cutbank river left)
- Stop 2-4 (Bebbee et al. Stop 5) River Mile 78.5 Whiskey Dick; Camp-site lecture on Deschutes River hydrology and geomorphology

Camp at Whiskey Dick

Day 4 Thurs. July 26 "Another Day Floating the River"

- Begin Day Campground Worksheets / Lab Exercises
- Stop 3-1 Morning Hike to "The Pot" Overlook (from Whiskey Dick)
- River Mile 77 Whitehorse Rapids (Yee Haw!)
- Stop 3-2 (Bebbee et al., Stop 6) River Mile 76 – The Pot – lower end

Camp at Buckskin Mary

Day 5 Fri. July 27 "Out of the 'Chutes and Into the Gorge"

- Begin Day Campground Worksheets / Lab Exercises
- Stop 4-1 (Bebbee et al., Stop 8) River Mile 64 – Buckskin Mary / Dant DF Overlook
- Stop 4-2 (Bebbee et al., Stop 9) River Mile 62.5 – Outhouse Flood Bar
- Stop 4-3 Overview of Columbia Plateau and Pleistocene Loess Terrain

Camp at Deschutes River Recreation Area

Day 6

Sat. July 28 "Missoula Floods and the Columbia Gorge"

- Stop 5-1 (O'Connor Stop 3.2) Hwy 197 Roadcut South of The Dalles
- Stop 5-2 (O'Connor Stop 1.1) Petersburg Bar
- Stop 5-3 (O'Connor Stop xx) Fairbanks Divide
- Stop 5-4 (O'Connor Stop 1.2) Celilo Falls Overlook
- Stop 5-5 (O'Connor Stop 1.4) Scabland
- Stop 5-6 (O'Connor Stop 3.4) Cascade Locks Marine Park / Bridge of the Gods

Return to Monmouth via Portland