GEOLOGY 489 EQUIPMENT

BOOTS
- Excellent hiking boots (high enough to fully cover the ankles). Because of extensive climbing (especially on talus slopes) and the possibility of snow at higher elevations (although remote), durable boots are best.
- Consider bringing a second pair of boots because field camp is located in an isolated area where repairs are impossible.
- Break in new heavy leather boots before arriving at field camp.

CLOTHING
- Jackets, pants, shirts, socks, handkerchiefs, towels, etc. Bring sufficient quantity to permit daily changes of socks and underclothes for a full week. An automatic washer and detergents are available at the OSU and Lost River field stations.
- Jacket—night and early morning temperatures can be in the 30s
- Rain gear—rain is possible at any time (one year, it rained every day during the first week of the course).
- Wide-brim, light-weight hat is good sun protection.
- Old tennis shoes or sandals (with heel strap) for crossing Wildhorse Creek, ID. For this crossing, flip flops (these float away) and bare feet (students have cut their feet) will not be allowed.

BEDDING & SHELTER
- Warm sleeping bag (not a blanket; early season night temperatures may drop below freezing).
- An air mattress or pad for sleeping comfort; OSU field station supplies some sleeping cots and pads.
- A pillow.
- A tent for you or to share. If you do not have a tent, large "dorm" style tents are available at both field stations.

MISCELLANEOUS
- Gaiters to keep cheat grass seeds out of socks—an excellent idea, especially if you wear shorts in the field.
- Flashlight, toilet articles, ointments for skin and lips (both sunblock and hand lotion).
- Bug juice. Mosquitoes in Idaho can be viscous.
- Sunglasses are strongly recommended—they protect the eyes when hammering on rocks in addition to protection you from desert and high-altitude sunlight. If your eyes are sensitive to dust, do not wear contact lenses. A spare set of prescription glasses is strongly advised.
- Laptop computers are useful for preparing short field reports.
- Reference textbooks such as Compton's Geology In The Field, your rocks and minerals and structural geology textbooks.
- Stereonet.

PROFESSIONAL
Essential:
- Rock hammer and holster.
• Hand lens.
• Covered map board or clipboard for aerial photographs and maps (because aerial photographs are 10"x10", an 11"x11" board size is ideal, but 8.5"x11" or larger will also work).
• Wrist or pocket watch.
• A rucksack large enough to carry clipboard, tupperware container for lunch, water containers (at least two quart bottles; three or more are preferable), rain clothing, and field samples.

Supplied as part of OSU/CWU field camp:
Supplied to Each Student
1 Brunton compass
1 hardbound field notebook
1 set of colored pencils (Prismacolor)
1 pencil sharpener for colored pencils
1 0.5 mm mechanical pencil with large box of HB & small box of 5H 0.5 mm leads
1 20/40 divisions per inch scale & protractor
1 10/50 divisions per inch scale & protractor
1 0.25 mm Pentel Micron drafting pen
1 0.50 mm Pentel Micron drafting pen

RECOMMENDED (nice to have, but not critical)
• Geologist's field vest or field pouch—reduces the likelihood of losing pencils, erasers, notebook, and ruler.
• Heavy belt for brunton and hammer holster.
• Small first aid kit.
• Broad-tipped felt pen (a black Sharpie is a good one) for marking samples.
• Camera.
• Materials from G210 (e.g. pencils, erasers, micron pens, etc.).