

## EQUIPMENT LIST - GEO 660 – Many of the same items as Geo420k

### **Required Materials:**

- Face Masks (5 minimum); disposable N95 or KN95
- 2 COVID home test kits (UT distributes these free to students)
- Small bottles of Hand Sanitizers
- Digital Thermometer (for checking body temperature)
- Field notebook (e.g., engineer's field book)
- Clipboard (8 1/2 x 11 size) with cover – the one you made in Geo420k is ideal
- Geologic hammer
- Hand lens (10x) (from 420k equipment packet)
- Small squirt bottle of dilute (approx. 10%) HCl
- Grain size card
- Smart Phone with Clino App installed
- Six-inch ruler (best is the Post ruler with protractor on it)
- Protractor (bring spare rulers & protractors; many students lose several)
- Pencils and erasers (again, the number depends on how many you lose)
- 2 or 3 drafting (mechanical) pencils (recommend Pentel or equivalent 0.5 mm or 0.3 mm lead, hardness F or 3H) and spare leads (those in the 420k equipment packet are ideal)
- Colored pencil set that will keep a point (at least 10 colors); pencils with hard, water-fast lead are preferred (those in the 420k equipment packet are ideal)
- Pencil sharpener or pointer, and/or sandpaper – for colored pencils
- Technical pens with fine-line points and black ink (Sizes 00, 0, 1, are desirable)
- Tablet of 8 1/2 x 11" tracing paper
- Tablet of 10 square to the inch of 8 1/2 x 11" graph paper
- Liquid paper (optional)
- Calculator
- Watch
- Carrying bag (shoulder bag or daypack)
- Proper field clothes, long pants, long-sleeve shirts, jacket (see note on gear)
- Sun screen/block lotion
- Hat, wide brim, baseball cap, stocking cap
- Hiking boots, broken in (avoid non-lace boots; see note on gear)
- Rainwear (it will rain; see note on gear)
- Canteen (2 or 3, one-quart water bottles, a Camel-Back or some other water storage container)
- Warm sleeping bag and pad\*\* (see note on gear)
- Towel, washcloth, soap
- Flashlight and/or headlamp
- Plate, cup, silverware
- Biodegradable liquid detergent for washing clothes in a lake, stream or spigot

### **Desirable Materials:**

- Digital Camera
- External battery with USB connection for phone
- Car charging cable for phone

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- Masking tape
- Scotch tape
- Tweezers (important for run-ins with cactus)
- Insect repellent (usually essential)
- Minor first aid kit for bug bites, thorns, blisters (moleskin), etc.
- Small pair of binoculars (not necessary but useful for “long-range” mapping)
- Whistle (if you are prone to getting lost and have a weak voice)
- Safety goggles or other eye protection (see field course policy handout regarding this and hard hats)
- Sun glasses
- Bandanas (2)
- Trekking poles for traversing rough terrain
- Sharpie markers to label rocks

**Prohibited Items:**

- Firearms
- Illegal drugs
- Consumption of alcoholic beverages in University vehicles