FWF 410: Lab 2
GIS Assignment
35 pts

Exercise 1:

Step 1:

1) Geocorrect your file from Lab 1 (should be named YOURlastname.ssf located in the class folder). Save the corrected file to your student folder.
2) Copy and paste screen with correction file to Microsoft Word and print.
3) Export corrected file (name will be YOURlastname.cor) to your student folder.

Step 2: 10 pts

1) Look at website where you can download DOQQs and DRGs for Tennessee (tngis.org)
2) Unzip DOQQ for Kyker Bottoms (this is done for you).
3) Open Arcmap
4) Add the DOQQ for Kyker and your geo-corrected shape files (Polygon, Line, and Points) from Step 1.
5) Zoom in on Kyker Bottoms WMA.
6) Create a study area map (layout view).
7) Insert scale, north arrow, and legend.
8) Save project to your student folder and print off black-and-white map.

Turn in (during class): Map in Layout View (#8 above)

Exercise 2: 25 pts

1) Open Arcmap
2) Use the same DOQQ from Exercise 1 (step 2)
3) Zoom in on Kyker
4) Create a polygon coverage for the property boundary of Kyker.
5) Create a point coverage for the equipment shed, Bill's house and the pond.
6) Create a line coverage for the 2 primary roads that boarder Kyker (i.e., Kyker and Big Gully Roads).
7) Create a polygon coverage for wetland, grass and forested areas. See hardcopy map for guidance.
8) Now, create a layout map that contains all the coverages above (4-7), a scale, legend, and north arrow.
9) Estimate distance using the ruler tool, from equipment shed to Bill's house using the ruler tool, and write down your distance (see below).
10) Estimate the area of the wetland polygon using the calculate area tool, and write down the acreage (see below).

Turn in (14 Sept, 12:40 pm): Black-and-white copy of map in Layout View created in #8 above (20 pts).

Answers for #9 and #10 (5 pts): _____ Distance _____ Area