**DEMO for INTERFACE**

1. Talk about opening new project – click on Map – set name (TrainingClass), project location
2. Talk about Tabs (Project, Map, Insert, etc)
3. Talk about Ribbon and how it is context sensitive
4. Talk about catalog pane – show the map and the default geodatabase. Show how to add a folder connection (right click on Folders).
5. Talk about views – add a data layer to the map view. Right click and open the table. Show how additional tabs get added to the interface. Show how different tabs are added when you click on different feature layers
6. Show moving panes and views around
7. Show how to customize the ribbon (Project > Options > Customize the Ribbon) and Quick Access Toolbar (the toolbar above the tabs/ribbon)

**DEMO for FINDING AND ADDING DATA**

1. Open a Map in Pro and click the dropdown for the Add Data – note options but we’ll click on the top one.
2. Note that I can add data from the Project, from the Portal, Computer, or Favorites. Navigate to “This PC” > Training Class > Data and select a layer
3. In Catalog Pane, show how to connect to a folder and a geodatabase. Connect to Training Class folder. Show how to drag data from catalog pane to map.
4. In Catalog Pane > Favorites, show how to add a favorite.
5. In Add Data button, show ArcGIS Online and Living Atlas
6. Search for SSURGO soils in Living Atlas and add to project
7. Show NYS GIS Clearinghouse

**DEMO for CREATING NEW DATA**

1. Open TrainingClass project. Go to Catalog pane. Right click on geodatabase and add a new feature class called Outfalls.
2. Add fields for OutfallID, municipality, subwatershed. Create the new feature class.
3. Go to Edit tab. Open Create tool and dock.
4. Create an outfall.
5. Open Attribute tool and dock.
6. Add attributes.

**DEMO for MAKING A MAP**

1. Open TrainingClass project. Add a new map called Flood Zones.
2. Add a new layer Flood Zones to the map.
3. Symbology: right click on the layer and choose symbology – pane will dock on the right hand side.
4. Choose unique values and the Zone field. Delete zones C and X and “all other values”.
5. Group a couple of A’s.
6. Change symbology for values.
7. Change basemap to gray.
8. Right click and choose labeling properties.
9. Label with “Zone “+ and click on Zone field.
10. Note that all the C and X zones are labeled – Click on SQL button and add expression to NOT be equal to C and not equal to X.
11. Click on visibility button and choose not out beyond.
12. Click on Symbol tab and change color, font, add halo. Look at callouts.
13. Click on Position tab and play around with various positioning options.
14. Click on Insert and New Layout
15. Add a map frame for flood zones
16. Add north arrow, scale bar, legend, title.
17. Talk about how to activate the map frame and zoom in and out.
18. Talk about how the legend works
19. Export

**DEMO for WORKING WITH TABLES**

1. We’re going to start with importing a .csv table of hydroseeding locations with XY values.
2. Make a new map called Hydroseeding.
3. Click on Add Data and Navigate to C:\Training Class. Add table.
4. Note that it’s added in Standalone Table section. Right click on it to open it.
5. Move table around to show how it can be docked.
6. Scroll through fields – note XY fields
7. Right click on table and choose Create Points from Table > XY Table to Point
8. Specify output feature class field names, coordinate system
9. Change coordinate system of map
10. Open new table – note ObjectID field
11. Walk through various tools, select a few records, calculate Dual Bales # to 2.
12. Select by attributes – Municipality is Bolton
13. Click on Field – Add and add a new field, Cost and make it a double. Save

**DEMO for MIGRATING FROM ARCMAP**

1. Open a blank project in Pro
2. Click on the Insert tab
3. Click on Import Map.
4. Navigate to C:\TrainingClass folder and select population70plus.mxd
5. Walk through the results – ArcCatalog, Maps, Layout

**DEMO for WORKING WITH FIELD COLLECTED DATA**

1. Open Pro
2. Go to/make a new map
3. Click on Analysis tab and Tools
4. Search for GPX to Features tool
5. Input Sand Beach Mtn.gpx from C:\TrainingClass folder and show output location
6. Show dropdown type and select one.
7. View Results on map.
8. Make a new map in Catalog
9. Click on Add Data
10. Navigate to Portal > My Content
11. Search forArcGIS Pro 101 and add the feature class to the map
12. Display results on the map (can symbolize from here if desired)