ES492/592 GIS Applications - Final Lab Portfolio Checklist

In a neat, professional-looking 3-ring binder that is well labeled (tab dividers are nice), include a printout of the following class activities, in the prescribed order:
(on each print out, include the exercise no., your name, and related map information)

**In-Class / Lab Exercises / Tutorials**

*Using ArcView Spatial Analyst Tutorial*
(1) Ex. 1 elev. grid (p. 10)
(2) Ex. 1 slope grid (p. 15)
(3) Ex 2 Results of distance query (p. 19)
(4) Ex. 3 Population Density data chart (p. 21)
(5) Ex 3 Population Density map (p. 21)
(6) Ex. 4 Extrapolated grid (p. 24)

*Quick Start Tutorial for Image Analyst*
(7) Ex. 1 Image enhancement of Moscow
(8) Ex. 2 Identification of Oil Spill map
(9) Ex. 3 Alignment of seattle road image with seattle feature map
(10) Ex. 4 Image difference / change map (p. 33)
(11) Ex. 4 Image from (p. 39)
(12) Ex. 5 Image mosaic (p. 41)

*Using ArcView 3D Analyst Tutorial*
(13) Exercise 1 3D perspective viewing (p. 10)
(14) Ex. 2 Creating a 3D scene (p. 12)
(15) Ex. 3 Creating 3D shapes (p. 15)
(16) Ex. 4 Surface analysis (p. 17)
(17) Ex. 5 Advanced visualization (p. 19)

*Tutorial: Attribute Data Entry and Management*
(18) Task 1 entering attribute data
(19) Task 2 linking tables
(20) Task 3 joining tables
(21) Task 4 attribute data classification
(22) Task 5 attribute data computation

*In-Class Exercise - Geoprocessing Functions with ArcView*
(23) print out of clip map (p. 3 of notes)
(24) print out of merge map (p. 3 of notes)
(25) print out of dissolve map (p. 3 of notes)

*In-Class Exercise - Editing Polygons Using ArcView*
(26) print out of polygon splitting / reshaping exercise

*Data Display Tutorial*
(27) Task 1 - print out of chloropleth map
(28) Task 2 - print out of map design exercise
(29) Task 3 - print out of text labelling exercise
Data Exploration Tutorial
(30) Task 1 - charts and map (overview)
(31) Task 2 - results of attribute data query
(32) Task 3 - results of relational database query
(33) Task 4 - combining spatial and attribute queries
(34) Task 5 - Raster Data Query

In-Class Exercise on Map Algebra
(35) Print out of ArcView map algebra exercise
(36) Hand-written results of map algebra exercise (grid1xgrid2, grid1/grid2, grid1+grid2, grid1-grid2, log(grid1), grid1x333)

Tutorial on Terrain Mapping and Analysis
(37) Task 1 - contour map
(38) Task 1 - profile
(39) Task 1 - hillshade map
(40) Task 1 - 3D perspective
(41) Task 1 - slope map
(42) Task 1 - aspect map
(43) Task 2 - viewshed / lookout map
(44) Task 3 - build TIN in ArcView / 3D analyst

Tutorial on Avenue Scripting and Spatial Interpolation
(45) Task 1 - grid results of trend.ave script
(46) Task 2 - results from density estimation
(47) Task 3 - grid results from spatial interpolation
(48) Task 4 - grid results from comparison
(49) Task 5 - grid results from kriging

Getting to Know ArcView Tutorial
**Print out all projects from the final chapters in the ArcView Tutorial** (on each print out, include the exercise no., your name, and related map information)

Chapter 18
Chapter 19
Chapter 20
Chapter 21
Chapter 22
Chapter 23
Chapter 24