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