COURSE SCHEDULE

Course Textbook: Mastering ArcGIS Pro, 1st Edition by Maribeth Price

Week 0
Lecture 1: Course Introduction & Overview /What is GIS?
NO LAB THIS WEEK

Week 1
Lecture 2: Mapping GIS Data
Lecture 3: Presenting GIS Data
LAB 1: GIS Concepts

Week 2
Lecture 4: Coordinate Systems
Lecture 5: Managing Vector Data
LAB 2: Managing and presenting GIS Data

Week 3
Lecture 6: Managing raster data
Lecture 7: Attribute Data
LAB 3: Coordinate Systems and projections

Week 4
Lecture 8: GPS Part I
Lecture 9: GPS Part II
LAB 4: Managing vector and raster data

Week
Lecture 10: Editing
Lecture 11: Midterm review
LAB 5: GPS lab

Week 6
Lecture 12: midterm
Lecture 13: Queries
LAB 6: Attribute Data

Week 7
Veterans Day
Lecture 14: Joins and Overly
Lecture 15: Guest Presentation on real world application of GIS

Week 8
Lecture 16: Raster analysis 1
Lecture 17: Raster analysis 2
LAB 8: Raster analysis

Week 9
Lecture 18: GIS Sharing
Thursday: Thanksgiving holiday, no lecture
Lab 9:

Week 10
Lecture 19: Exam review and Evaluation
Lecture 20: No class
LAB 9: GIS Sharing
LDA/ABT 150

Introduction to GIS
Lecture: /Lab: Plant & Environmental Sci Bldg 1137
Instructor(s): Professor Isaya Kisekka

Finals Week

**Grading**
Lab: 45%
Midterm: 20%
Final: 30%
Attendance: 5%