Fall Odd Years

Introduction to GIS
Lecture: /Lab: Plant & Environmental Sci Bldg 1137
Instructor(s): Professor Isaya Kisekka   4 Units

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

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<u>Finals Week</u>

<u>Grading</u>
Lab: 45%
Midterm: 20%
Final: 30%
Attendance: 5%