CEL 9030: Building a Geodatabase

1. Instructor

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2. Description

This advanced GIS course provides an introduction to ESRI geodatabase model. Topics covered include creating a geodatabase, import and export data to a geodatabase, domains and subtypes, relationship class, topology class, and network analysis. Students will start by building a file geodatabase from the scratch, import data into it, use geodatabase features to catch and correct the errors, and finally run network analysis. Direct experience in the use of GIS tools is emphasized.

3. Schedule

Friday

8:30 – 9:00	Introduction
9:00 – 10:00	Lecture 1: Introduction
10:00 – 11:30	Lab1
11:30 – 12:00	Lecture 2: Subtype and Domain
12:00 – 1:00	Lunch Break
1:00 – 2:30	Lab 2
2:30 – 3:30	Lecture 3: Topology
3:30 – 5:30	Lab3

Saturday

8:30 – 10:00	Lecture 4: Relationship class
10:00 – 11:30	Lab4

11:30 – 12:30	Lecture 5: Utility Network Analyst
12:30 – 1:30	Lunch Break
1:30 – 3:00	Lab 5
3:00 – 4:00	Lecture 6: Network Analyst
4:00 – 5:00	Lab6
5:00 – 5:30	Lab7 (optional)