AGENDA

Day 1 – GPS Data Collection and Integration with GIS

Lab	**8:00-9:00**	**Class Overview and Introductions**
Lab	**9:00-9:30**	**GPS Settings**
	9:30-10:00	**Travel and Break**
Field	**10:00-12:00**	**GPS Overview and Field Data Collection**
	12:00-1:00	**Lunch**
Lab	**1:00-1:30**	**Exercise 1 – Downloading GPS Data**
Lab	**1:30-3:30**	**Exercise 2 – Using ArcGIS 10 to View and Manage GPS Data**
	3:30-3:45	**Break**
Lab	**3:45-4:30**	**Exercise 3 – Mission Planning (Video)**

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Day 2 - Spatial Reference, Sampling Design & Data Collection

Lab	**8:00-8:30**	**Review**
Lab	**8:30-9:30**	**Datums, Map Projections and Coordinate Systems**
	9:30-9:45	**Break**
Lab	**9:45-10:45**	**Exercise 4 – Working with UTM Coordinates**
Lab	**10:45-12:00**	**Exercise 5 – Sampling Design and Uploading Data**
	12:00-1:00	**Lunch**
Field	**1:00-3:30**	**Field Work: Line and Polygon Data Collection**
	3:30-4:00	**Travel and Break**
Lab	**4:00-4:30**	**Downloading and Viewing Line and Polygon Data**

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Day 3 – GPS Field Projects

Lab	**8:00-8:30**	**Review**
Field	**8:30-10:30**	**Exercise 6 - Mapping Park Infrastructure (Team Project)**
	10:30-11:00	**Break**
Lab	**11:00-12:00**	**Exercise 6 – Data download and GIS work**
	12:00-1:00	**Lunch**
Lab	**1:00-2:00**	**Exercise 6 - continued**
	2:30-2:45	**Break**
Lab	**2:00-2:15**	**Final Project Overview**
Lab/Field	**2:15-4:30**	**Work on Final Projects (Open Break)**

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Day 4 – Final Project and Presentations

Lab/Field	**8:00-11:00**	**Final Projects (Open Break)**
Lab	**11:00-12:00**	**Final Project Presentations**
Lab	**12:00-12:15**	**Course Wrap-up**