

LAB 2

INTRODUCTION TO GIS Professor Sarah Olimb

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February 21, 2023



GIS Tools & Techniques Applied:

In this lab, I learned a number of feature classes, ranging from points to lines and polygons. This is when I realized the immense power that GIS can provide for us. By zooming into the satellite image, we can mark specific buildings, roads, and landmarks just by looking at the image and clicking on them.

In Dr. O'Hara's *Environmental Philosophy* last semester, I learned that Augie has six campus gardens and that they were lacking a map. By using tools & techniques I learned from *Introduction to GIS*, I realized, I can create a map showing where all of the six Augie Gardens are! I think I will definitely take on this project for my final project in this class.

For this, I will mainly be using the feature classes I learned today - points, lines, and polygons - in order to indicate the geographical features surrounding the gardens.

Question:

Where is the Sertoma Outdoor Campus, and what can someone do there?

Methodology:

- Using existing feature classes, such as polygons, to mark lakes, fields, etc.
- Creating new feature classes to mark geographical features in the outdoor campus.

Conclusions: At Sertoma Outdoor Campus, there's a field, lake including a boat deck, and lots of hiking trails. The outdoor campus seems to be perfect for family activities or running along trails.

Data Sources: This lab was based on 'lab2_data.zip' which was provided by Professor Sarah Olimb.