

Names: _____

The project objective is to build an antenna

Antenna Construction and Measurement

For the last part of the project, you will build the antenna with the necessary materials. Some of the materials may be provided by your instructor.

With the measurements calculated from the past assignment, you will create a manual in which you will explain how the antenna was constructed with detailed steps and explanations.

You will have to include pictures that describe the process.

In the day of the final exam, you will bring your antenna to be measured with the Vector Network Analyzer (VNA) from the laboratory, along with the manual.

The final project will be graded on:

1. The clarity and detail of the instruction manual (50%).
2. The consistency of the measured dimensions with the constructed antenna (20%).
3. The quality of the antenna (materials, dimensions, craftsmanship) (20%).
4. The performance of the antenna (measurement with the VNA) (10%).