Brett Worley

**Lab Three – Network Media - 20 POINTS**

Prepare and submit to Lab 3 dropbox in PILOT.WRIGHT.EDU

Visit these websites and answer the following questions:

<http://www.youtube.com/watch?v=Sw1XRffMry0>

1. What are the THREE TOOLS (AND THEIR PART NUMBERS) shown that you will need. One is white, one is grey and one has black grips?

The three tools are the GN-561010 Cable Stripper, the GN-561002 Insertion tool, and the GN-561071 Cutting tool. The insertion tool is white, the cable stripper is gray, and the cutting tool has black grips.

1. How many TOTAL ports are patched in the finished patch panel?

A total of 24 are wired up.

1. What are the TWO part numbers of the female RJ-45 Jacks?

T568A and T568B

1. What Width are the patch panels used in this example?

They are 19 inches.

1. What EIA / TIA standard do these panels EXCEED by operating in excess of 250 Hrz?

They exceed TIA/EIA 568-B.2-1

<http://www.youtube.com/watch?v=OosMQHQlY40>

1. What is the part number of the toolkit from giganet to terminate fiber cables?

GN-561140

1. How long should the exposed fiber be when striping the sheathing off the cable?

16 millimeters.

1. Once the cable has been terminated what is used to inspect it?

A giganet fiber optic microscope.

1. What do you use the syringe for?

It is used for the adhesive material.

1. Which Cabling would you prefer to work with on a daily basis?

I think I would prefer to work with CAT 6 cables.