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BSIT 2A – T74

What significant ideas did you learn from Laboratory Activity?

During the laboratory activity, I have learned that transistors is a semiconductor device with three layers of semiconductor material, the 3 layers are the collector, base and emitter. Also, the two primary types of transistors are the NPN and PNP. I also learned that transistor can amplify electrical signals and also learned that transistor can also act as switches.

How will the knowledge learned on this topic be useful outside of this class?

The knowledge I have learned in this class can be useful, like If I’m facing with a malfunctioning electronic device, my understanding of NPN transistors can help me diagnose and repair issues related to switching, amplification, or control circuits.

In your opinion, what is the most important thing you learned from this topic?

In my opinion the most important thing I have learned in this topic are that transistor can operate either as amplifiers or switches.

Describe a connection you can see between this topic and your course.

The connection between this topic and my course is it can be particularly useful when working with computer hardware, and other technology-related aspects of the information technology field. May my field not go to intensive detail on transistor theory or analog electronics, having a foundational understanding of transistors can provide me with a more comprehensive knowledge of the technology I may encounter in my future IT career.