Goal 1.1

Reflection

I decided during my sophomore year of high school that I wanted to enter the science field. I first learned about cells and microorganisms. I then entered my first year of college at Longwood as a declared Biology major, beginning with integrative Biology 120. This was my first ever biology course and this class determined who was ready to start their journey as a Longwood Biology major. This was an introductory class that touched on all the major principles of biology. We conducted experiments that followed with lab reports. Course 120 was a great basis for my future class at Longwood.

Course 251 was my ecology and evolutions class. In this class, I was able to conduct an experiment with a proper lab report. As a class, we went out to a cemetery and collected data of the year on the headstones and compared genders. We were comparing the survivorship of females and males before 1925 and after 1975. With these skills, I was able to identify different principles of biology like evolution and gene theory in the aspect of females compared to males.

After 251 I took various classes as a sophomore, junior, and senior like microbiology. In this class, I was able to closely observe bacteria and their various functions, size, etc. In this course, a group paper was assigned and chosen at the expense of the students. Through the experiment and paper, I was able to touch base on the cell theory of E coli. I was able to identify the specific strain of bacteria with my knowledge of biological principles. These skills allow me to be able to identify and describe the major principles of biology.

All of my classes at Longwood have contributed to my understanding of the major principles of biology and I am very excited about the next step. These skills are important because as a future scientist I will be able to compare and contrast different principles of biology. Each principle is crucial to all topics of science and being able to identify and describe them is important for any person in the

science field. To understand any topic in biology, one must understand the basic principles. I know I will be able to identify and describe cells, genes, evolution, and physics. I am ready for my future opportunities where I can unfold my knowledge on all biological concepts.