Adv. Biology Anatomy and Physiology

Teacher: Kendra Currey

I suggest that students or parents print this syllabus and keep it in their homeschool records for reference throughout the year.

About the Teacher/Contact Info:

Kendra Currey

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Greetings!

I look forward to having you in class. I grew up in a family where both my parents were teachers. I loved how they taught and planted a love for learning inside me. After going through school and obtaining my paramedic certification I desired to help others understand anatomy and physiology in order to treat their patient’s properly. I began teaching at the local Junior College and have been teaching there for 18 years. I also enjoy teaching because it continues to help me learn more. After working on the ambulance for 20 years I now have the opportunity to homeschool my children and teach online. I am passionate about anatomy and physiology and look forward to helping you learn about the miracle of life.

I am also very passionate about missions and helping others know our Creator. Studying Anatomy and Physiology allows us to really understand how creative God is and I desire that creation science be taught to our children. I have chosen this curriculum that brings God the Glory and will emphasize God’s creative touch when He created us as I teach. I can’t make you love anatomy and physiology, but I desire to help you understand that you are truly fearfully and wonderfully made!

**Class Description**

This advanced biology course covers both the anatomy and physiology of each system of the body. I will also be introducing some disease processes that occur in each of these systems. I will be using experiences as well as medical research when introducing scenarios throughout class. Please note that we will be covering the reproductive system. This book does have accurate, respectful illustrations and descriptions.

We will perform experiments and dissections. Some of these experiments we will do during class times, others you will need to do on your own and write up a lab sheet about the procedure. We will be doing many memorization games. You will also be working in teams for some assignments.

**Grade Level and Prerequisites**

This course is open to high school students grades 10-12 only.

Students who have taken high school Biology and Chemistry courses will be very well prepared for this course and will have a much better understanding of what we will be discussing. If you have taken Biology but have not yet had chemistry, you may still take this course.

Apologia recommends a high school Chemistry course so you will understand the information presented about chemistry. The topics covered that relate to chemistry are pH levels, charged atoms (ions), elements and their abbreviations, and a basic understanding of chemical equations. We will discuss these in class so you should be ok to take this class if you haven’t had chemistry.

**Credit:**

 This can be used as a full year high school science credit. This course in conjunction with Biology prepares students to take the Advance Placement (AP) or College Level Examination Program (CLEP) tests.

**Supplies and Materials:**

* The Human Body (Advanced Biology) Student Textbook, 2nd Edition

Publication Date: 2013

ISBN: 1935495720

ISBN-13: 9781935495727

* The Anatomy Coloring Book (4th Edition)

By: Wynn Kapit, Lawrence M. Elson

Publication Date: 2013

Dimensions: 10.9 X 8.3 X .7 (inches)

ISBN: 0321832019

ISBN-13: 9780321832016

* Lab Kit

**Grading Scale:**

 90-100 = A

 80-89 = B

70-79 = C

 60-69 = D

 59 and below = F

**Lectures**

Online lectures will be 90 minutes each week.

**Homework**

All homework will be uploaded onto the course shell.

Quizzes and exams will be done online.

**LABS**

Will be done both at home as well as during online lectures.

**Schedule**