Anatomy and Physiology

Monclova Christian Academy

Mrs. Mitchell

Psalm 139:14 “I will praise thee; for I am fearfully and wonderfully made: marvelous are thy works; and that my soul knoweth right well.” Anatomy and Physiology is an advanced high school science course that will explore God’s majesty in his intricate creation of mankind. “As we learn about the structures of the human body and how they work we will be more and more amazed at the mighty power of God.” (Wile and Shannon, 2006)

Content Overview

Module 1: Introduction to Anatomy and Physiology

Module 2: Histology: The Study of Tissues

Module 3: The Integumentary and Skeletal System

Module 4: Skeletal System Histology and Movement

Module 5: Muscle System Histology and Physiology

Module 6: The Skeletal Muscle System

Module 7: The Nervous System

Module 8: The Central Nervous System

Module 9: The Peripheral Nervous System

Module 10: The Endocrine System

Module 11: The Cardiovascular System

Module 12: The Lymphatic System

Module 13: The Digestive System

Module 14: The Respiratory System

Module 15: The Urinary System

Module 16: The Reproductive System

Assessment of Student Learning

 Student Notebook and Adam software 30%

 Projects 30%

 Tests 30%

 Midterm and Final Exams 10%

Course Website

<http://www.commoncurriculum.com/website/e2nwh/2014-08-25>

Gloster Website

<http://edu.glogster.com/register?edu_type=student>

teacher code 84B61E

Projects

 Each quarter the student will complete one “project”. Students will choose 4 different topics and 4 different formats from the provided list or are welcome to seek teacher approval of self-identified topic or format:

Topics (selected examples)

 Disease process encountered on the mission field

 Teaching anatomy topic and lab activity to younger students

 Disease process affecting your family

 Evidence of Creation (vs evolution) in human anatomy

 Disease prevention (nutrition/physical fitness)

 First Aide

Format (including but not limited to)

 Research paper (in conjunction English assignment possible)

 Prezi

 Gloster

 Teaching

 Drawing/Art

 Chapel presentation

 Book Review

Resources

 The Human Body: Fearfully and Wonderfully Made, 2ed Edition Shannon and Yunis

 Student Study Notebooks

 The Anatomy Coloring Book Kaplin

 ADAM software

 [www.apologia.com/bookextras](http://www.apologia.com/bookextras) (password-Wonderfullymade)

 Laboratory Activities (prepared slides, dissection and coloring book)

 Fieldtrip to Cadaver Lab

 Apologia Exploring Human Anatomy for elementary students and lab kit

 Mrs. Mitchell’s personal library of resources in 203 closet

 Dr. Bills and Dr. Delucia

Classroom Policies

1. Respect the people, equipment, and furnishing of the classroom.
2. Follow directions the first time they are given.
3. Refrain from social talking with peers during class time.
4. Follow all the rules of the student handbook

Rewards for choosing to follow the classroom rules:

 Free Homework Pass (monthly)

 The Joy of Learning (every day of the school year!)

Consequences are a result of the students chosen action: (Warning will only be given in the first two weeks of school after this adjustment period students expected to comply with classroom policies.)

Name on board warning/detention

 One check parents called

Severe disruption student will be sent immediately to the Principal

Due dates will be strictly enforced and late assignments loose 30 points when one day late.