

**ANATOMY and PHYSIOLOGY I & II Syllabus : 1<sup>st</sup> and 2<sup>nd</sup> Semester 2017-2018**  
**BIO-141, BIO-142**

**Instructor – Mrs. Karen Webb Smith**

**Location – A. Linwood Holton Governor’s School at the Southwest Higher  
Education Center, Abingdon, VA, second floor**

**Phone: – 276-619-4351      Email: [ksmith@hgs.k12.va.us](mailto:ksmith@hgs.k12.va.us)**

**Textbook – *Hole’s Human Anatomy and Physiology*, by Shier, Butler, and Lewis,  
McGraw-Hill, 2016**

*This class is a dual enrollment course and college credit is offered through one of four community colleges based on the location of the high school the student attends. The four community colleges that may be awarding the credit are Mountain Empire Community College, Southwest Virginia Community College, Virginia Highlands Community College, and Wytheville Community College.*

*To contact the A. Linwood Holton Governor’s School:*

*A Linwood Holton Governor’s School*

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**VCCS College Course Catalogue Descriptions:**

**Bio 141 – Human Anatomy and Physiology I**

**Integrates anatomy and physiology of cells, tissues, organs, and systems of the human body. Integrates concepts of chemistry, physics, and pathology.**

**Lecture 3 hours. Laboratory 1 hour. Total 4 college credits.**

**Bio 142 – Human Anatomy and Physiology II**

**Integrates anatomy and physiology of cells, tissues, organs, and systems of the human body. Integrates concepts of chemistry, physics, and pathology.**

**Lecture 3 hours. Laboratory 1 hour. Total 4 college credits.**

**Course Delivery:**

**This course will be taught via the Internet using interactive audio and streaming video. Tests will be administered on-line and assignments will be collected via email. Each class lecture is archived and posted on the Anatomy webpage.**

**Assignment Schedule:**

**Assignments will be emailed and posted on Coursesites.**

**Class Policies:**

Your instructor expects that each student will abide by the rules agreed upon. The attendance policies and expectations of the student's home school are to be followed. The instructor reserves the right to use tardiness/class attendance and participation to decide borderline grades. It is the responsibility of the student to inform the instructor of an absence in advance, or as soon as possible, to make up work that is missed. Tests must be made up within 2 school days after a student returns to class. The textbook and other materials issued to each student are owned by the Governor's School. It is the student's responsibility to care for them appropriately.

**Lab and Special Project Policy:**

Labs will be conducted virtually. Each will conclude with a lab report. Labs that involve experimentation can be performed with a partner. Each student will turn in a Lab Report and it MUST NOT be identical to anyone else's. Lab Reports must be written according to the formatting instructions that will be discussed in class. Reports and Special Projects emailed after the due date will have 10 points deducted each day until the 3<sup>rd</sup> day when a grade of 0 will be recorded. Students must notice within a reasonable amount of time that a reply is sent by the Instructor that the Lab Report has been received. The use of "wikipedia" as a research source will not be accepted.

Laboratory assignments and exams will be incorporated with the appropriate unit of study. Individual chapter tests will be given at the end of study.

\*\*\*Necessary accommodations for students with disabilities will be made when needed.

**Grading System:** The university grading scale will be used:  
90-100 =A; 80-89 = B; 70-79 = C; 60-69 = D; 59 or below = F

**Course Objectives:**

This course is designed to provide an understanding of the relation between structure and function of the human body in its normal homeostatic state. Information presented will serve as a framework for understanding human behavior in health and disease.

**Proposed Lecture Schedule:**

**Chapters:**

**Levels of Organization:** 1-5

**Support and Movement:** 6-9

**Integration and Coordination:** 10-13

**Transport:** 14-16

**Absorption and Excretion:** 17-21

**The Human Life Cycle:** 22-24

**REVIEW: Textbook Study and Laboratory Supplementary Materials:**

- 1. A & P Class Materials - Power point presentations for all chapters in the textbook, review exercises for each chapter, and laboratory activities.**
- 2. Interactive Cadaver Dissection Experiences including the Integumentary, Skeletal, Muscular, Nervous, Cardiovascular, Lymphatic, Respiratory, Digestive, Urinary, Reproductive, and Endocrine Systems will be observed online.**
- 3. Case Studies and Surgical Videos – Will be incorporated in laboratory activities with the appropriate body system.**

*Words from your Instructor:*

I welcome you to Human Anatomy and Physiology I and II, a college course. It is my opinion that all students benefit from an in-depth knowledge of the internal and external body systems regardless whether they are or are not planning to enter the medical field. This course is intense, and will require disciplined study, review, and participation in class. Lectures should be reviewed daily. Class and laboratory assignments must be turned in on the required date. It is in your best interest to read ahead of the lecture schedule in your textbook. Class materials will help reinforce class lectures and are important for the laboratory component of this course.

This course will prove very valuable to you in the future if you take it seriously and are conscientious. I look forward to our Virtual experiences online, and I know we will have many great accomplishments together.

*Mrs. Karen Webb Smith*

*Suggestions for Student Success*

- Stay current in your studies. DO NOT GET BEHIND!*
- Arrive on time to class. You do not have permission to miss this class to make-up work in another class.*
- Review archived lectures, power point slides, & notes from the previous class before returning to the next day's class. -*
- MEMORIZE when it is necessary.*
- Make a concerted effort to understand the material as it is being presented. Do not just use the time to take notes with the intent on figuring it out later.*

*-Do not wait to study until just before the exam. You should treat this course like a math or language course, which would require that you study the material as it is presented, not just prior to the exam.*

*-Recognize that college study is hard work and that it requires a high degree of motivation and self-discipline.*

*-At the end of each Chapter in the textbook is a Summary that is the Review for Tests.*

*-Notify your Instructor of any absences or technology difficulties that prevent you from coming to class.*

*-BE THOROUGH!*

**MEMORIZE:**

1. [www.hgs.k12.va.us](http://www.hgs.k12.va.us) – KNOW what information is on this webpage.  
Become familiar with the ANATOMY page.
2. [ksmith@hgs.k12.va.us](mailto:ksmith@hgs.k12.va.us) - Instructor's email addy (memorize)
3. your hgs email addy
4. your i/Linc username and password
5. [www.cousesites.com](http://www.cousesites.com) username and password