

Anatomy and Physiology  
1<sup>st</sup> Semester

CONTENT	DATE
<b>INTRODUCTION/LAB SAFETY</b> <ul style="list-style-type: none"><li>Laboratory Safety</li></ul>	August 6 - 7
<b>ORGANIZATION</b> <ul style="list-style-type: none"><li>Living Organisms</li><li>Cells and Tissues</li><li>Animal Organelles</li><li>Animal Tissue</li><li>Organs</li><li>Organ Systems (Part 1)</li><li>Organ Systems (Part 2)</li><li>Experiment: Animal Cells and Tissues</li><li>Project: Animal Organ Systems</li></ul>	August 10-September 4
<b>INTEGUMENTARY, SKELETAL AND MUSCULAR SYSTEM</b> <ul style="list-style-type: none"><li>Integumentary System</li><li>Muscles</li><li>Bones and Joints</li><li>Humans: Movement and Reproduction</li><li>Skeletal System, Muscular System, and Integumentary System</li><li>Project: Virtual Lab - Frog Dissection Musculoskeletal</li><li>Project: Muscle, Skeletal, and Reproductive Disorders</li></ul>	September 7-October 23
<b>COORDINATION OF INFORMATION (NERVOUS &amp; ENDOCRINE)</b> <ul style="list-style-type: none"><li>Nervous System and Immune System</li><li>Humans: Body Communication and Response</li><li>Project: Nervous and Endocrine Disorders</li><li>Humans: Body Communication and Response</li><li>Endocrine System and Reproductive System</li></ul>	October 26-December 11
<b>REVIEW AND EXAMS</b>	December 14 - 18

Anatomy and Physiology  
2nd Semester

CONTENT

DATE

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THE HUMAN BODY (CIRCULATORY,  
RESPIRATORY, DIGESTIVE & URINARY)

January 4-March 26

- Circulatory System and Respiratory System
- Circulatory System
- Blood
- Respiratory System
- Digestive System
- Mouth and Stomach
- Small and Large Intestines
- Excretory System
- Humans: Acquisition and Excretion
- Project: Digestive, Circulatory and Respiratory Disorders
- Experiment: Heart Rate
- Project: Virtual Lab - Frog Dissection Internal Organ
- Project: Heart or Lung Study

GROWTH AND DEVELOPMENT  
(REPRODUCTIVE SYSTEM)

April 5-May 7

- Endocrine System and Reproductive System
- Humans: Movement and Reproduction
- Growth and Development
- Childhood Development
- Adolescence
- Adulthood
- Physical Growth and Development of our Bodies
- Puberty and Physical Growth
- The Aging Brain

Anatomy and Physiology  
2nd Semester (Cont.)

CONTENT	DATE
<b>HEALTH AND DISEASE/Anatomy &amp; Physiology of Health and Disease (CULMINATING PROJECTS)</b>	<b>May 10 - 21</b>
<ul style="list-style-type: none"><li>• Pathogens</li><li>• Immune System</li><li>• Project: Lupus</li><li>• Communicable Diseases</li><li>• Chronic Diseases</li><li>• Project: Radiation Therapy</li><li>• Degenerative Diseases</li><li>• Vaccinations and Immunizations</li><li>• Project: Public Health</li><li>• Medical Advances</li><li>• Unhealthy Behaviors</li><li>• Healthy Living</li><li>• Project: Personal Health Assessment</li><li>• Changes in Early Childhood</li><li>• High School Teen to College Young Adult</li><li>• Microscopic and Macroscopic Organization of the Body</li><li>• Pathophysiology of Diabetes</li><li>• The Pathophysiology of Cancer</li><li>• Tuberculosis: A Worldwide Health Problem</li></ul>	
<b>REVIEW AND FINAL</b>	<b>May 24 - 28</b>
<ul style="list-style-type: none"><li>• Organ Systems and Their Functions</li><li>• Human Physiology</li></ul>	