

## ***Biology 1114 : Course Outline- Unit 4 \****

A VOCABULARY LIST AND QUESTIONS WILL BE PROVIDED FOR EACH TOPIC and may be checked. With the exception of Nov. 8, you need to **READ THE ASSIGNMENTS PRIOR TO THE CLASS FOR WHICH THEY ARE GIVEN**. Please Note: **In these chapters we will focus on humans, not animals.** Check out the excellent Internet resources cited below.

TUES. Nov. 8

Test on Unit 3

Human Body Systems, Organization and Integumentary System: Ch. 31, pages 601 – 611

Internet Resources: Articles

<http://www.britannica.com/EBchecked/topic/270188/>

<http://www.ck12.org/biology/Organization-of-the-Human-Body>

Powerpoint: [pointgreysecondary.ca/special\\_files/](http://pointgreysecondary.ca/special_files/)

Circulatory System, ch 32, pages 616 – 635

Internet Resources:

Article: <http://www.livescience.com/22486-circulatory-system.html>

Powerpoint: “Circulatory System”: [philadelphia.edu.jo](http://philadelphia.edu.jo)

Respiratory System, Chapter 33, pp 636-651

[www.innerbody.com/respiratory](http://www.innerbody.com/respiratory)

Video: “The Respiratory System (Updated 2013)” Heat Inc.

Lab: Microscopic examination Human Body Cells; circulatory system

Tues., Nov. 15

Immune System, Chapter 36, pages 690-710

Internet Resources:

Video: “ Why You Are Still Alive: The Immune System Explanation” (YouTube)

The-Immune-System-2013.ppt

“How Your Immune System Works” - [HowStuffWorks.com](http://HowStuffWorks.com)

“Introduction to How the Immune System Works”

PokemanMinecraft (YouTube video)

Digestive System, Nutrition Chapter 34, pages 653-672

Internet Resources:

[www.iteachbio.com/Anatomy-](http://www.iteachbio.com/Anatomy-Physiology/.../TheDigestiveSystem.ppt)

[Physiology/.../TheDigestiveSystem.ppt](http://www.iteachbio.com/Anatomy-Physiology/.../TheDigestiveSystem.ppt).

Videos: YouTube

“Nutrition Education Program/Module 5 – Vitamins and Minerals – Lesson 1” Randy Thomas

“What to Eat, Basic Nutrition” Psyche Truth  
Urinary System, ch 35, pp. 673 - 687  
Internet Resources:  
[www.innerbody.com/image/urinov.html](http://www.innerbody.com/image/urinov.html)

Nervous System and Senses, Ch. 38 and 39, pages 732 - 771

Internet Resources:

[Science.ppst.com/humanbody/human-nervous-system.html](http://Science.ppst.com/humanbody/human-nervous-system.html)  
(several powerpoints)

[www.innerbody.com/image/nervov.html](http://www.innerbody.com/image/nervov.html) (interactive)

Video: “The Central Nervous System - Introduction”(YouTube)

“Human Body – Nervous System” qpr

Ch 15 – The Special Senses, ppt.

Endocrine System, Chapter 37, pages 712-729

Internet Resources:

[www.innerbody.com/image/endoov.html](http://www.innerbody.com/image/endoov.html)

[www.emedicinehealth.com/anatomy\\_of\\_the\\_endocrine\\_system](http://www.emedicinehealth.com/anatomy_of_the_endocrine_system)

Lab: Sense Organs

TUES., NOV 22

NO CLASS, THANKSGIVING HOLIDAY

TUES, Nov. 29

Muscular and Skeletal Systems

Chapter 40, pp 772 – 788

Internet Resources:

[www.wou.edu/~bledsoek/103materials/presentations/  
musculoskeletal\\_system.ppt](http://www.wou.edu/~bledsoek/103materials/presentations/musculoskeletal_system.ppt)

<http://www.livescience.com/22537-skeletal-system.html>

[www.innerbody.com/image/musfov.html](http://www.innerbody.com/image/musfov.html)

Reproductive System and Human Development

Chapters 41, pp. 790 – 810 and 42, pp. 812 - 829

<http://www.livescience.com/26741-reproductive-system.html>

[https://www.sdstate.edu/aea/examination/clep/upload/Hum-  
Grwth-Devel.PDF](https://www.sdstate.edu/aea/examination/clep/upload/Hum-Grwth-Devel.PDF)

YouTube Video: “Fertilization” Nucleus Medical Media

TUES. Dec. 6

REVIEW and TEST on Unit 4 (This will count as the final.)