

<p align="center">Warren County School District</p> <p align="center">PLANNED INSTRUCTION</p>	
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COURSE DESCRIPTION

Course Title: Anatomy

Course Number: 00313

Course Prerequisites: Successful completion of Biology CP or Biology

Course Description: (Include “no final exam” or “final exam required”)

Anatomy is a one-semester elective course concerned with the structure and function of the human body and concentrates on a detailed study of the anatomy of the muscular, circulatory, digestive, respiratory, excretory, integumentary, endocrine, nervous and reproductive systems. The anatomy of other vertebrates will be considered. The course includes lab work and considerable reading. Prerequisite: Successful completion of Biology CP or Biology

Suggested Grade Level: 11-12

Length of Course: x One Semester Two Semesters Other
(Describe)

Units of Credit: .5 (Insert *NONE* if appropriate.)

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certification(s)

(Insert certificate title and CSPG#) **Biology**

Certification verified by WUSD Human Resources Department:

	X	Yes	No	1
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Board Approved Textbooks, Software, Materials:

Title: _____

Publisher:

ISBN #:

Copyright Date:

Date of WCSD Board Approval:

BOARD APPROVAL:

Date Written: September 2009

Date Approved: _____

Implementation Year:

Suggested Supplemental Materials: (List or insert **None**)

Course Standards

PA Academic Standards: (List by Number and Description)

3.1 Unifying Themes

12E Evaluate change in nature, physical systems, and man-made systems.

3.3 Biological Sciences

12A Explain the relationship between structure and function at all levels of organization.

12B Analyze the chemical and structural basis of living things.

WCSD Academic Standards: (List or None)

None

Industry or Other Standards: (List, Identify Source or None)

None

WCSD EXPECTATIONS

WCSD K-12 Expectations for instruction in writing, reading, mathematics and, technology have been developed and revised annually. The teacher will integrate all WCSD Expectations into this planned instruction.

SPECIAL EDUCATION AND GIFTED REQUIREMENTS

The teacher shall make appropriate modifications to instruction and assessment based on a student's Individual Education Plan (IEP) or Gifted Individual Education Plan (GIEP).

ASSESSMENTS

PSSA Assessment Anchors Addressed: This course is written to the 12th grade standards. No assessment anchors have been written for this course.

Suggested Formative Assessments: The teacher will develop and use standards-based assessments throughout the course.

- Pre-Assessments of prior knowledge (e.g. entrance cards or KWL chart)
- Labs/lab reports
- Bell ringers/Problems of the Day(PODs)
- Discussions
- Teacher observation/Questioning
- Graphic organizers (e.g. Venn diagrams, word mapping, webbing, KWL chart, etc.)
- Summarizing
- Retelling
- Notetaking
- Problem-based learning modules
- Authentic assessment
- Oral presentations
- Outlining
- Journaling
- Student presentations/projects
- Open-ended response
- Quizzes/tests
- Activities
- Classroom Performance System (CPS)

- White boards

Suggested Summative Assessments:

- Essays
- Open-Ended Responses
- Projects
- Quizzes/tests
- Student presentations
- Portfolios
- Lab Practical
- Lab Report

District Approved Assessment Instruments

- PSSA Tests-Grades 4, 8 and 11 only

Differentiated Instructional Assessment Strategies

Portfolio Assessment: _____ Yes X No

District-wide Final Examination Required: _____ Yes X No

Course Challenge Assessment (Describe):

REQUIRED COURSE SEQUENCE AND TIMELINE

(Content must be tied to objectives)

Content Sequence	Dates
I. General anatomy/physiology	2 Weeks
A. Orientation to the human body	
B. Tissue types and overview of body systems	
II. Integumentary System (Including body membranes)	1 Week
A. Structures	
B. Function	
III. Muscles and the Muscular System	2 Weeks
A. Identification	
B. Comparative Anatomy	
C. Physiology	
IV. Cardiovascular System	2 Weeks
A. Anatomy of heart and blood vessels	
B. Overview of circulation	
C. Disease conditions and developmental aspects	
V. Bones and the Skeletal System	3 Weeks
A. Identification of structures	
B. Comparative Anatomy	
VI. Digestive System	3 Weeks

- A. Identification of Structures
- B. Comparative Anatomy
- C. Physiology
- VII. Respiratory System **2 Weeks**
 - A. Identification of Structures
 - B. Comparative Anatomy
 - C. Physiology
 - D. Disease conditions and developmental aspects
- VIII. Urinary System **1 Week**
 - A. Identification of Structures
 - B. Physiology
 - C. Comparative Anatomy
- IX. Reproductive System **2 Weeks**
 - A. Identification of Structures
 - B. Physiology

Objectives:

1. Explain how organ system function ultimately depends on cell specialization within the system.
2. Describe the main tissue types of the human body.
3. Identify structures and function of human body systems.
4. Identify human muscles and related structures.
5. Describe gas exchange in humans.
6. Trace a food molecule through the entire human digestive system.
7. Describe developmental aspects of body systems as well as disease conditions often present.

WRITING TEAM: Danni Hedman, Robin Swanson

WCSD STUDENT DATA SYSTEM INFORMATION

1. Is there a required final examination? X Yes No
2. Does this course issue a mark/grade for the report card?
 X Yes No
3. Does this course issue a Pass/Fail mark? Yes X No
4. Is the course mark/grade part of the GPA calculation?
 X Yes No
5. Is the course eligible for Honor Roll calculation? X Yes No
6. What is the academic weight of the course?
 No weight/Non credit X Standard weight
 Enhanced weight (Describe)