Class Title: ANATOMY & PHYSIOLOGY I  
Course ID: BSC1085C  
Term 20

Ref Num: _______  
Days: _  
FWB Campus, Bldg 6  
Room 613

Start Date: __/__/__  
Ending Date: __/__/__  
Start Time: :,__ M  
Ending Time: :,__ M

Instructor: Dr. Lina R. Quiray  
Email: QuirayL@nwfsc.edu  
Office hours: Half hour after class

Tel. No. (850) 863-6520 c/o Ms. Susie Shaffer, Faculty Center Bldg. 4, FWB campus


Course Material: The textbook will be the framework of the course material and will be presented similarly. Chapters 1 through 16 will be the coverage. Materials from other sources presented in the lectures will also be used for exam purposes.

Grading Legend: Q = big Unit Exam / Quiz
There will be 4 Unit Exams. Make-up for the first 3 Unit Exams may be arranged with Ms. Shaffer at the Faculty Center after communicating the need with the instructor. There will be no make-up for the Final Exam Q4 and lab activities missed except for Histology exercises.

Q1, Q2, Q3 and Q4 are Unit Exams, each weighing 50 Points. Chapters covered in the Exams are:
Q1: Chapters 1-4  
Q2: Chapters 5-8  
Q3: Chapters 9-13  
Q4: Chapters 14-16

An Individual Report on a relevant topic (disease, new treatment, new research materials) must be written and presented in class. A minimum of 3 pages if single-spaced or 6 pages if double-spaced are required. The Individual Report weighs 50 Points.

Laboratory activities are given 25 points each for a total maximum of 250 points. Print your copy of the "A & P I Grade Sheet" at http://faculty.nwfsc.edu/science/quirayl/ for point grading system.

For special needs and accommodations contact the Office for Special Needs in Building E, Room 148 (inside the Academic Success Center) at the Niceville campus. Contact information for Mrs. Elizabeth (Liz) Smith is as follows: 850-729-6079 - phone; 850-729-5300 - fax; 711 - Florida Relay Service. Information and forms may be printed from the college website at www.nwfsc.edu/ossn.

Students are responsible for adherence to all college policies and procedures, including those related to instructional standards and regulations, academic freedom, cheating, classroom conduct, and other items included in the 2012-2013 Northwest Florida State College Catalog and Student Handbook. Students should be familiar with the rights and responsibilities detailed in pages 32-37 of the Catalog. Plagiarism, cheating or other forms of academic dishonesty is a serious breach of responsibilities and may trigger consequences which range from a failing grade to formal disciplinary action.

Cell phones, pagers and other electronic devices must be turned off during classes. Communication by electronic devices, including but not limited to instant messaging, text messaging, and telephone calls, during class is prohibited unless expressly designated as part of the learning activities. During exams, students may be required to temporarily deposit cell phones and other electronic communication devices with the instructor or lab supervisor for the duration of specific class activities. Where emergency or employment situations require access to electronic communication services, arrangements may be made in advance with the instructor.
LABORATORY EXERCISES

LAB 1
Terminology, Anatomic position / planes / regions / palpation & percussion exercises
* handouts and overhead projection

LAB 2
Cell, Organelles: transparencies / Mitosis: 3-D models, transparencies / Tissue types: slides

LAB 3:  Histology: Squamous, cuboidal, cartilage, adipose:
carousel slides  #  1 - 9  Connective Tissue
 #  25 - 26  Connective Tissue
 #  9 - 15  Blood Formed Elements
 #  16 - 18  Muscles
 #  19 - 34  Nervous Tissue, Special Senses, Artery, vein,
 lymph node, Digestive System, Urinary System,
 Endocrine System

LAB 4a:  Skin Colorization Color Code:
red = sudoriferous orange = hair follicle blue = sebaceous
brown = arrector pili yellow = adipose pink = root
green = epidermis black = hair shaft violet = dermis

LAB 4b:  anterior bones handout:  5 points

LAB 5a:  transparencies : foramina and fissures : 5 points
LAB 5b:  Group Study and Presentation of Skeletal System
 Group 1 : vertebral column
 Group 2 : thoracic cage
 Group 3 : pectoral girdle and upper extremities
 Group 4 : pelvic girdle and lower extremities
 Group 5 : joint classification
LAB 5c:  practical exam on disarticulated bones using "move" system

LAB 6:  Histology: striated muscle, bone, joint; steps involved in muscular contraction

LAB 7:  Group Study and Presentation of Muscular System; range of motion exercises, * projection

LAB 8:  Nervous System : prepared slides; cranial nerve testing
* overhead projection; Sheep brain dissection; CSF circulation

LAB 9:  Histology of Sheep brain and spinal cord

LAB 10:  Histology of cornea, retina and cochlea, Sheep Eye Dissection