Human Anatomy and Physiology I, Zool 2004

Philosophy: This course covers: biochemistry, structure and function of cells, and the anatomy and physiology of tissues, integument, skeletal system, muscles and nervous system for students entering nursing or pharmacy school.

Objectives: Students should be able to:
- Understand basic body chemistry, cell structure and function.
- Understand the anatomy of the body and how muscles and bones work together.
- Understand the function of the systems sufficiently to succeed in pathophysiology classes in their chosen field.
- Understand the basics of the nervous system so that they will be able to understand how the nervous system (central and peripheral, somatic and autonomic) regulates the systems covered in anatomy and physiology II.

Course Teaching Requirements: The following should be followed by all instructors teaching this course (online and in the traditional setting).
- The following chapters should be covered: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 26 (metabolism only).
- Students will not be allowed to use a “word bank” for laboratory tests.
- A histology practical exam using microscope slides will be given (not projected slides or power point).
- Cat muscles will be dissected.
- The final exam must have a comprehensive component and must be proctored.

Assessment: All instructors are expected to participate in the assessment of the course as directed by the lead instructor.

Contact Information:
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