Master Syllabus

(Generic Outline)

Administrative Unit: Science

Course Prefix and Number: BIOL 323

Course Title: Anatomy

Number of: Credit Hours: 3  Lecture Hours: 3  Laboratory Hours: 0

Catalog Description: Anatomy of the human body, including comparisons with some other vertebrates. Concurrent enrollment in BIOL 323L is required. Prerequisite: BIOL 110. Corequisite: BIOL 323L. Offered fall.

Prerequisite(s)/Corequisite(s): BIOL 110; Corequisite: BIOL 323L

Text(s): Textbook(s) listed is/are not necessarily the textbook(s) used in the course. Current editions of:


McClintic, J.R., Human Anatomy, Mosby


Course Objectives:

- To demonstrate in-depth knowledge of the anatomy of the human body.
- To identify structural parts of the body by name and location.
- To associate basic structure with function.
- To draw relationships between tissues and organs and between organs and organ systems.

Measurable Learning Outcomes:

- Define and use precise anatomical terminology.
- Identify different tissues.
- Name and locate the bones of the axial and appendicular skeletons.
- Describe and give examples of different articulations.
- Describe gross and microscopic anatomy of muscles.
- Identify major muscles of the body and their actions.
- Explain the structural and functional organization of the nervous system.
- Identify parts of the brain and the spinal cord and name the cranial and spinal nerves.
- Describe the autonomic nervous system.
- Describe the structures of the general and special senses.
- Identify structures and functions of the endocrine system.
- Outline the organization of the respiratory system.
- Identify the structures and relationships in the digestive, urinary and reproductive systems.
Topical Outline (major areas of coverage):

- Structural organization of the body
- Terminology of anatomy
- Cell structure
- Tissue level of organization
- Integumentary system
- Cartilage and Bone
- Skeleton and articulations
- Muscles
- Nervous tissue and the nervous system
- Endocrine system
- Blood and the circulatory system
- Lymphatic system
- Respiratory system
- Digestive system
- Urinary system
- Reproductive system

Recommended maximum class size for this course: 24

Library Resources: Online databases are available at http://www.ccis.edu/offices/library/resources.asp. You may access them from off-campus using your eServices login and password when prompted.

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Date: March 15, 2004

NOTE: The intention of the master syllabus is to provide an outline of the contents of this course, as specified by the faculty of Columbia College, regardless of who teaches the course, when it is taught or where it is taught. Faculty members teaching this course for Columbia College are expected to facilitate learning pursuant to the course objectives and cover the subjects listed in the topical outline. However, instructors are also encouraged to cover additional topics of interest so long as those topics are relevant to the course’s subject. The master syllabus is, therefore, prescriptive in nature but also allows for a diversity of individual approaches to course material.

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