LINCOLN UNIVERSITY
SPRING 2012 COURSE SYLLABUS

COURSE NUMBER: SCI 31

COURSE TITLE: Human Biology

COURSE CREDIT: 3 units = 45 lecture hours

BASIC INFORMATION:
Professor's name: Dr. Khatia Mania
Office Hours: Mon-Fri, 9:00 AM - 5:00 PM
Contact Telephone: (510) 628-8032
E-mail: mania@lincolnuca.edu
Meeting times: Monday 9:00 - 11:45 AM
Room number: TBA

TEXTBOOKS:

Human Biology: Concepts and Current Issues
by Michael D. Johnson
Supplemental textbooks:

1. PHYSIOLOGY
By Robert M. Berne
Matthew N. Levy

2. THE HUMAN BODY IN HEALTH & DISEASE
By Barbara Janson Cohen
Dena Lin Wood

2. THE HUMAN BODY IN HEALTH & DISEASE
By Gary A. Thibodeau
Kevin T. Patton

COURSE DESCRIPTION: The main purpose of the course is to study the organization (anatomy) and function (physiology) of the human body, from the single cell to the coordinated whole. Includes a consideration of body structure and function, reproduction, development, heredity and evolution, examination of the aspects of modern biology as it impacts the human species. (3 units)

COURSE OBJECTIVES: Upon completion of this course, students should complete homework projects and presentations. Student should be able:
*demonstrate knowledge of human biology;
* understand each body system
*understand functioning of human body as a system

INSTRUCTIONAL METHODS:

Instructional methods will include lectures, classroom activities presentations and video material.

EVALUATION:

1. Homework and Quizzes- Written homework assignments will be given periodically: additionally, unannounced quizzes will be given during class time.
2. Final examination.

Grading Scale:

95-100	A
90-94	A-
87-89	B+
84-86	B
81-83	B-
78-80	C+
76-77	C
74-75	C-
72-73	D+
70-71	D
69≤	F

Class attendance	10%
Class activity	10%
Quizzes	20%
Midterm	20%
Homework	10%
Final exam	30%
	____
	100%

To successfully complete this course, the student must pass the quizzes, homework and final exam portions with a 70% or better. Students should attend all the class meetings. However, considering possible urgent situations, students may be absent from maximum four class meetings with prior notice to the instructor. Three late arrivals would affect the grade. The term grade is based on attendance, class activity, project, midterm and/or sum of quizzes, and final examination. Individual projects will be assigned at the beginning of the semester. Homework and project are due by the last meeting before the final examination. No project will be accepted after the due date.

If student missed the class without valid reason no make-up for quizzes and presentations will be allowed. Student can retake only one unsatisfactory quiz. Students may use dictionaries during the class time and exam. No electronic devices during the test time.

During the written exam, any student observed in a situation that could be considered suspicious (e.g., an open book within his/her field of vision, looking around or checking a cell phone or other wireless device, etc.) but no cheating is observed, will be warned. Once warned, any applicant found cheating on written exam will be failed for the exam and prohibited from retaking the written exam without permission from the dean.

Student cannot leave the room during the test/exam. As soon as student leaves, the exam is considered finished.

Lecture is not substitute for textbook. Students should read textbooks and use other sources to be prepared for the tests. Lecture is to guide the student for preparation to subject.

Revised 12/6/2011

SCHEDULE OF TOPICS:

01/23/12 – Skeletal System
01/30/12 – Muscular System
02/06/12 – Respiratory System
02/13/12 – Digestive System, nutrition.
02/27/12 – Circulatory System
03/05/12 – Blood and Blood Vessels Lymphatic System, Lymph Nodes and lymph Vessels
03/12/12 – Nervous System and Organs of Special Senses
03/19/12 – Endocrine System
03/26/11 – Urinary System
04/02/12 – Male Reproductive System
04/09/12 – Female Reproductive System
04/16/12 – Human development – embryo, fetus.
Role of DNA in human body.
04/23/12 – DNA technology and genetic engineering.
Development and aging.
Cancer: uncontrolled cell division and differentiation.
04/30/12 – Presentations and Homework
05/07/12 – Review and Final
Due date for the homework and project is 04/30/12