

# LINCOLN UNIVERSITY

**COURSE NUMBER:** SCI 31

**COURSE TITLE:** Human Biology

**COURSE CREDITS:** 3 Units

## **BASIC INFORMATION:**

Professor's name: Dr. Khatia Mania

Office Hours: Mon –Fri 9:00 AM- 5:00 PM

Contact Telephone: (510) 628-8032

Meeting times: Thursday 12:30 - 3:15 PM

Room number: 205

## **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

3. 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.

**COURSE OBJECTIVES:** Upon completion of this course, students should complete homework projects and presentations.

**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:

|                     |       |
|---------------------|-------|
| Class participation | 20%   |
| Quizzes             | 30%   |
| Homework            | 20%   |
| Final exam          | 30%   |
|                     | <hr/> |
|                     | 100%  |

|          |   |
|----------|---|
| 90-100   | A |
| 80-89    | B |
| 70-79    | C |
| 60-69    | D |
| Below 60 | F |

To successfully complete this course, the student must pass the lectures, quizzes, homework and final exam portions with a 70% or better. Attendance should be 70% or better.

## **SCHEDULE OF TOPICS:**

01/21/10 – Skeletal System

01/28/10 – Muscular System

02/04/10 – Respiratory System

02/11/10 – Digestive System, nutrition.

02/18/10 –Circulatory System

02/25/10 – Blood and Blood Vessels Lymphatic System, Lymph Nodes and lymph Vessels

03/04/10 – Human development-embryo, fetus.

03/11/10 – Nervous System and Organs of Special Senses

03/25/10 – Endocrine System

04/01/10 – Urinary System

04/08/10 – Female Reproductive System

04/15/10 – Male Reproductive System

04/22/10 – Role of DNA in human body

04/29/10 – Presentations and Homework

05/06/10 – Review and Final

## **DUE DATES:**

Due date for the homework and presentations is 05/06/10