

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 9:00AM-5:00PM

Contact Telephone: (510) 628-8032

Course section number:

Meeting times: Monday & Wednesday 12:30-3:15PM

Room numbers: 404 (Monday), 205 (Wednesday)

TEXTBOOKS:

ANATOMY & PHYSIOLOGY

By I. Edward Alcamo

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: This course provides a basic study of the structure and function of the human body. Upon completion, students should be able to demonstrate basic understanding of the fundamental principles of anatomy and physiology; explain the basic concepts of homeostasis and demonstrate how this key concept as the most important unifying theme of

the body systems; describe basic chemical and physical principles that are of particular importance in anatomy and physiology.

PREREQUISITE: DI 20

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%
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	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:

03/13/09 – Skeletal System
03/15/09 – Muscular System
03/27/09 – Respiratory System
03/29/09 – Digestive System
04/03/09 – Circulatory System
04/05/09 – Blood and Blood Vessels
04/10/09 – Lymphatic System, Lymph Nodes and Lymph Vessels
04/12/09 – Nervous System and Organs of Special Senses
04/17/09 – Endocrine System
04/19/09 – Urinary System
04/24/09 – Female Reproductive System
04/26/09 – Male Reproductive System
05/01/09 – Integumentary System
05/03/09 – Presentations and Homework
05/08/09 – Review and Final

DUE DATE:

Due date for the homework and presentations is 05/08/09