

# North Hennepin Community College

## BIOL 1650: Human Biology Series

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

This course requires any of these seven prerequisites

Reading College Level

Reading at College Level

Placement into EAP 1230

ADEV 0952 - College Reading and Learning Strategies II (Minimum grade: 1.67 GPA Equivalent)

ADEV 1950 - Reading Texts Critically

EAP 0930 - Academic Reading and Study Skills (Minimum grade: 1.67 GPA Equivalent)

EAP 1230 - College Reading and Studying Skills

Corequisites: None

MnTC Goals: Goal 03 - Natural Science

This course provides students with an Intensive overview of sophisticated, timely topics in biology related to the human condition. This course is intended for general audiences. The overview will include development of scientific background for understanding the topic historical perspective, significance of the issue in both a societal and a scientific context, and exploration of the scientific processes related to the topic. These courses include a variety of topics of interest to any student. Topics have included: Bioethics, Biology of Alcoholism, Biology of HIV, Biology of Viruses, Emerging Diseases, and other current topics pertaining to human biology. This course fulfills the lab-like experience requirement for MnTC Goal area 3. Check web site for each semester's topics. This course is open to all students.

Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension

### B. COURSE EFFECTIVE DATES: 08/25/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Content is dictated by the topic presented.
2. General background for the topic is given and further in-depth exploration of the topic is pursued by the class.
3. Overview will include development of scientific background for understanding the topic.
4. Historical perspective will be provided.
5. Significance of the issue in both a societal and a scientific context will be discussed.
6. Exploration of the scientific processes related to the topic.

### D. LEARNING OUTCOMES (General)

1. Identify, analyze, interpret, and articulate the issues involved in the particular topic area. (MnTC G 2 comps a, b, c, d; G 3 comps a, b, d; ELO 1, 2, 3, 4)
2. Describe the methods of study used in each particular area. (MnTC G 3 comps a, b; ELO 1, 2)

## **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

### Goal 03 - Natural Science

1. Demonstrate understanding of scientific theories.
2. Communicate their experimental findings, analyses, and interpretations both orally and in writing.
3. Evaluate societal issues from a natural science perspective, ask questions about the evidence presented, and make informed judgments about science-related topics and policies.

## **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

1. Knowledge of Human Cultures and the Physical and Natural World - Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills - Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.
3. Personal and Social Responsibility and Engagement - Including: Civic knowledge and involvement - campus, local and global; Intercultural knowledge and competence; Ethical reasoning and action; Foundations and skills for lifelong learning.
4. Integrative and Applied Learning - Including: Synthesis and advanced accomplishment across general education, liberal studies, specialized studies and activities in the broader campus community.