MASTER COURSE OUTLINE
Prepared By: Barbara Jacobs, Laurie Odegaard Date: May 2020

COURSE TITLE
Human Biology

GENERAL COURSE INFORMATION

Dept.: BIOL&	Course Num: 170	(Formerly:)
CIP Code: 26.0101	Intent Code: 11	Program Code: N/A
Credits: 5		
Total Contact Hrs Per Qtr.: 55		
Lecture Hrs: 55	Lab Hrs: 0	Other Hrs: 0
Distribution Designation: Natural Science NS		

COURSE DESCRIPTION (as it will appear in the catalog)
This course offers a broad overview of the human body for the non-science major. Topics of study include: unifying biological principles such as basic cell chemistry, cell biology, and metabolism, as well as the biology of selected human systems. Issues related to human biology will also be examined. This course does not include a lab.

PREREQUISITES
None

TEXTBOOK GUIDELINES
A recent edition of a non-majors human biology text such as *Human Biology* by Goodenough and McGuire, Pearson Publishing. The text used must have departmental approval.

COURSE LEARNING OUTCOMES
Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:
1. Explain basic cell chemistry, structure, and function.
2. Describe cellular respiration, relating it to the functioning of all body systems.
3. Describe the form and function of various systems, including the muscular, skeletal, respiratory, nervous, digestive, endocrine, urinary, reproductive, and cardiovascular systems.
4. Explain the homeostasis of control mechanisms within these systems.
5. Discuss the sensory and immune systems if time permits.

INSTITUTIONAL OUTCOMES
None

COURSE CONTENT OUTLINE
1. Unifying Biological Principles:
   Basic chemistry of cells
   Cell structure and function

Cellular respiration

2. Human Biology:
   Organ systems and homeostasis
   Human systems: skeletal, muscular, nervous, endocrine, respiratory, cardiovascular, urinary, reproductive, and digestive
   If time permits: integumentary, sensory and immune systems

DEPARTMENTAL GUIDELINES *(optional)*

- The overall course percentage will be based on the following weighted categories:
  - Lecture exams (including 2-4 tests plus a comprehensive final exam) collectively worth 65-70%,
  - Class assignments/quizzes collectively worth up to 30-35% of the overall score.
- A standard grade scale will be used for this course with a 2.0 grade point corresponding to 70-72%.
- All exams are proctored. When possible, exams are held on campus. Online and hybrid courses may have exams online, they may or may not be proctored.
- PO5 should be assessed: Students will be able to solve problems by gathering, interpreting, combining and/or applying information from multiple sources.

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DIVISION CHAIR APPROVAL **DATE**