

## Hagerstown Community College

### Master Syllabus

**COURSE: BIO110, HUMAN BIOLOGY (3 credits)**

**DATE: SPRING 18**

**INSTRUCTOR(S):** Dr. Vennece Fowlkes (Lead)

**COURSE DESCRIPTION:** This is a lecture/demonstration course for non-science majors. The course provides an understanding of life processes in the human body. It includes molecular and cellular components of life, homeostasis within the systems of a multicellular human, and the relationship of human systems to relevant and current discoveries in science today. This course may be offered as a traditional lecture or online format. Prerequisites: None

**TEXTBOOK:** *Human Biology*, 15e, S. Mader and M. Windelspecht with Connect online access for interactive activities.

#### **STUDENT LEARNING OUTCOMES:**

The student will:

1. Apply a knowledge of basic chemistry and basic cell biology to understand how the human body functions.
2. Use a basic knowledge of the structure and function of each body system to understand how homeostasis is maintained.
3. Relate fundamental knowledge of the human body in homeostasis to clinical applications and common medical disorders.
4. Explore current areas of medical research and their relationship to social and ethical issues.
5. Access, process, analyze and synthesize scientific information.

#### **MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE**

Traditional	DIRECT Faculty Instruction In-class	Student Work Out of Classroom
In-class "lecture"	37.5 h	
Chapter Readings		15 h
Quiz/activity for each chapter		15 h prep
Lecture exams (Academic Testing Center)		30 h exam prep
Cumulative final exam (Academic Testing Center)		15 h
<b>Total Hours</b>	<b>37.5 h</b>	<b>75 h</b>

Online	ONLINE Faculty Instruction	Student Work Out of Classroom
On-line activity (PowerPoint, YouTube videos, interactive learning modules, PDFs)	37.5 h	
Chapter Readings/ Discussion forums		20 h
Quiz/activity for each chapter		15 h prep
Lecture exams (Academic Testing Center)		30 h exam prep
Cumulative final exam (Academic Testing Center)		10 h
<b>Total Hours</b>	<b>37.5 h</b>	<b>75 h</b>

**Services for Students with Disabilities:** Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at [dss@hagerstowncc.edu](mailto:dss@hagerstowncc.edu) or at 240-500-2530.

*Revised 8/23/2017*