



## COURSE OUTLINE

**COURSE NO.** BIOS 135-506      **COURSE NAME** Basics of Health & Disease  
**CREDIT HOURS** 1      **CLASS HOURS** 1      **LAB HOURS** 1  
**DATE** June 2008      **PREPARED BY** Ellen Wiseman, RN, MS  
**TO BE UPDATED** 6/2009      **APPROVED BY** Molly Weiland, PhD, RN  
Dean/Associate Dean

### PREREQUISITES

BIOS 112 The Human Organism.

### COURSE DESCRIPTION

The Basics of Health and Disease is an introductory course that explores the meaning of health and disease. Emphasis is placed on the mechanisms of homeostasis, and the causes and effects of disease in the human body. The following Hocking College Success Skills are addressed in this course: Demonstrates Knowledge of Science and the Environment, Communicates Effectively, Maintains a Code of Ethics.

### COURSE OUTCOMES

Upon completion of this course, the learner will be able to:

1. Recognize normal and abnormal body structure and function.
2. Identify the causes of disease in the human body.
3. Describe the major pathological processes in the human body.
4. Respond to topics about the holistic approach to health and disease.

### COURSE MATERIALS

#### **Textbook: (Required)**

Tamparo & Lewis, (2005). Diseases of the Human Body, 4<sup>th</sup> Edition F.A. Davis Publishing Company. ISBN 0-8036-1245-1

The following minimum hardware configurations will be necessary for you to access all course materials online:

**Minimum PC Configuration:**

Pentium Processor  
16 MB RAM  
500 MB hard disk space  
15" color monitor  
28.8 Kpbs modem  
500 MB hard disk space  
Windows 95

**Minimum Mac Configuration:**

120 Mhz. Power PC  
16 MB RAM  
500 MB hard disk space  
15" color monitor  
28.8 Kpbs modem  
Macintosh OS 7.5 or later  
15" color monitor

You should also have the following minimum software packages:

- ❑ Netscape Navigator/Communicator 4.6 or higher. This can be downloaded for free from <http://www.netscape.com>.
- ❑ Internet Explorer 4 or higher. This can be downloaded for free from <http://www.microsoft.com/windows/ie/default.htm>.
- ❑ Word processing software.
- ❑ Flash, Shockwave, and Java are very helpful plug-ins.

**SAFETY PRACTICES**

Students are expected to be constantly aware of practices and measures that are essential to protect the well-being of students, faculty, and staff.

**TOPICAL OUTLINE**

**TOPIC 1: HOMEOSTASIS, BODY DEFENSES, HEALING**

**TOPIC 2: CAUSES OF DISEASE  
EVIDENCE OF DISEASE**

**TOPIC 3: NEOPLASIA**

**TOPIC 4: URINARY SYSTEM DISEASE  
DIGESTIVE SYSTEM DISEASE**

**TOPIC 5: RESPIRATORY SYSTEM DISEASE**

**TOPIC 6: CIRCULATORY SYSTEM DISEASE**

**TOPIC 7: NERVOUS SYSTEM DISEASE  
MENTAL ILLNESS**

**TOPIC 8: ENDOCRINE SYSTEM DISEASE**

**TOPIC 9: MUSCULOSKELETAL SYSTEM DISEASE**

**TOPIC 10: SKIN DISEASE  
EYE AND EAR DISEASE**

**STUDENT INSURANCE/COVERAGE**

Hocking College insurance does not cover a student in case of an accident or illness. Students are responsible for providing their own health and accident insurance. The Hocking College Health Center provides information on a student health insurance plan. Please see the Health Center (JL 241) for information on costs, coverage, and how to enroll in the plan.

**DISABILITIES NOTICE**

If you have been diagnosed with a disability that impacts your academic success, please immediately contact the Access Center, Office of Disability Services in JL 249 regarding accommodations.

## HOCKING COLLEGE EVALUATION OF THE LEARNER

COURSE NO. BIOS 135-506      COURSE NAME BASICS OF HEALTH & DISEASE  
INSTRUCTOR(S) ELLEN WISEMAN, RN, MS  
DATE PREPARED JUNE 2008  
APPROVED BY Molly Weiland, PhD, RN Dean

Learning responsibility is shared by instructor and student. The instructor will present information in a clear organized fashion. The student will be responsible for recording this information, and, not just memorizing it, but being able to apply it to life situations. Each student will be evaluated on the quality of these efforts.

*The factors listed below will be used to determine your final grade for the course.*

### SPECIFIC FACTORS

#### 1. EXAMINATIONS AND QUIZZES

- **QUIZZES:** There will be ten unit quizzes throughout the quarter. Each one will become available online after the student has submitted the assignments for that unit. Each quiz consists of 16 multiple choice questions and will cover the material from the text, information sheets, PowerPoint presentations, and assignments. All of this material is available either in the text book or under the unit link on this web site.

#### 2. PROJECTS/ACTIVITIES

There will be 10 worksheets assigned. The worksheets are available on line and must be completed before the unit quiz may be taken. Each worksheet consists of 16 questions.

#### 3. CLASS PARTICIPATION

This will be accomplished in a virtual classroom through student participation on the discussion board. Each student is required to participate with comments, observations, personal experiences, opinions, or questions regarding that unit's topic. There are ten units in the course and there will be ten topics. Each week's topic will be posted Monday morning and the student has until the following weekend to respond. At that time the topic may be removed to make room for the next unit's topic, so the student should check the discussion board at least once a week and post once a week to earn all the potential points from the discussion board. The student can earn up to 3 points from each posting on the discussion board providing that the posting is respectful, on topic (relevant),

appropriate, and demonstrates development of knowledge of disease processes and use of critical thinking. The student will be able to follow how many points have accumulated at the “My Grades” link.

#### 4. ATTENDANCE

This is an online class, and attendance is not recorded in the usual manner. Attendance will be reported at midterm and at the end of the quarter and is determined on the basis of how much of the course work has been completed. This class is not one in which the student does the work at his own pace and takes as long as he wants to complete the class. There is a great deal of flexibility, but the student is expected to turn in assignments and quizzes according to the due dates listed on the weekly schedule. (A student may work ahead if he wishes.) This online class starts the first day of the quarter and ends on the last day of the quarter. The student will benefit most from this course if work is completed at a steady pace throughout the quarter. This is not a PACE class, and a “PR” (progress) grade cannot be issued. If a student does not have all the work finished by the end of the quarter, his grade will be calculated based on the grades he does have, and that will be the final grade issued for the course.

#### 5. EXTRA PROJECTS

There are no opportunities to earn extra points.

#### 6. GRADING SCALE

The grading scale is outlined below:

92% – 100%	(322-350 points)	= A
85% – 91%	(297-321 points)	= B
80% – 84%	(280-320 points)	= C
Below 80%	(279 or fewer points)	= F

#### 7. POLICY REGARDING HONESTY

Honesty and integrity are major elements in professional behavior and are expected of each student. This is part of the Success Skill “Maintains a Code of Ethics.” All work is assumed to be your own unless special permission is granted from the instructor or sources are appropriately cited. It is expected that you will be honest in all endeavors related to the completion of this course, just as you must be in all activities at work.

The definition of academic misconduct that is provided in the *Hocking College Student Guide* applies to this course and all other courses that you are taking at the College. It is a Code I Offense:

- A. **Academic Misconduct** refers to dishonesty in examination (cheating); presenting the ideas or writing of someone else as one’s own (plagiarism); knowingly furnishing false information to the college by forgery, alteration, or misuse of

college documents, records or identification. Academic dishonesty includes but is not limited to:

1. Permitting another student to plagiarize or cheat from your work,
2. Submitting an academic exercise, written work, project, or computer program that has been prepared totally or in part by another,
3. Improperly acquiring knowledge of the contents of an exam,
4. Using unauthorized material during an exam, to include notes, information, calculators, or other electronic devices or programs during exams or for assignments from which they have been expressly or implicitly prohibited,
5. Submitting the same paper in two different courses without knowledge and consent of all faculty members involved,
6. Obtaining academic material through stealing or other unauthorized means,
7. Falsification of research findings and methodology.

Academic Misconduct is unacceptable behavior in all Hocking College courses. A student observed or found to be engaged in academic misconduct on a test or assignment in this course will receive a zero on that test or assignment. A written report of the incident, signed by the instructor and the student, will be submitted to the Campus Judiciaries Office. The Office of Campus Judiciaries will conduct a judicial proceeding with the accused student, resulting in a finding of “In Violation” or “Not In Violation” of the Hocking College Code of Conduct. The outcome of the judicial process will not be used to modify or validate the specific consequence as decided by the individual faculty/program or academic unit, but may be used to determine future *Judicial consequences*, in demonstrating a pattern of behavior on the part of the student.

Further information pertaining to Academic Misconduct can be found by contacting the Office of Campus Judiciaries, Oakley 210, or by referring to the *Student Code of Conduct* found on the Hocking College website ([www.hocking.edu](http://www.hocking.edu)).

## **8. FINAL GRADE CALCULATION**

The final grade is determined by the number of points accumulated during the course. Points are accumulated by completion of worksheets, quizzes, and participation in the discussion board. A student has the potential to accumulate 160 points on the worksheets, 160 points on the quizzes, and 30 points on the discussion board – for a possible total of 350 points. See the grading scale as outlined above.

## **9. ACADEMIC GRADE APPEAL PROCESS**

Academic grade appeals consist of complaints from students concerning final grades given. The Appeals Process is available only for final grades not for an individually graded assignment. When a student believes that his or her academic performance has been unfairly or improperly graded, the first recourse will be communication with the faculty member in an attempt to resolve the complaint. A student appeal of a final grade

must be formally initiated within one quarter of the grade being posted. Students should understand that the burden of proof will be theirs to demonstrate.

**10. STUDENT GRIEVANCE DUE PROCESS PROCEDURES**

Due process procedures for the College are located in the current *Student Code of Conduct* listed as Hocking College Student Grievance Procedures available online under the current student link on the Hocking College website.

**11. DISABILITIES NOTICE**

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