

Mid-Ohio Valley Center
Marshall University

ACADEMIC TERM:

Fall 2015

COURSE DISCIPLINE:

Biology

NUMBER:

BSC 250

TITLE:

Microbiology and Human Disease

CREDIT HOURS:

Four

CLASS:

Tuesday: 6:30pm to 9:45pm
Thursday: 4:00pm to 6:30pm

PREREQUISITES:

BSC 227 (Anatomy) or equivalent with grade of C or better.

COURSE DESCRIPTION:

Introduction to microbiology with emphasis on the role of microorganisms in the disease process.

OBJECTIVE OUTCOMES:

Upon completion of this course, students will know:

- (1) The types of microbial pathogens, both prokaryotic, eukaryotic, and acellular.
- (2) How pathogens cause disease and how transmitted.
- (3) Host defense, both non-specific and the specific immune response.
- (4) Will have an increased vocabulary and understanding of medical terminology as etymology will be stressed throughout the course.

REQUIRED TEXT:

Foster, Aliabadi and Slonczewski, MICROBIOLOGY, The Human Experience, Preliminary Ed. 2016 W.W. Norton & Co. ISBN# 978-0-393-26414-2

Quammen, David, EBOLA, 2014, W.W. Norton & Co. ISBN # 978-0-393-35155-2

INSTRUCTOR:

Dr. F. Glenn Anders

OFFICE:

100D Math/Science Center, URG

PHONE:

Day: 740-245-7249 Night: 740-446-9759

OFFICE HOURS:

By appointment, before or after class.

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ACADEMIC DISHONESTY POLICY: All students should be familiar with the university's policy concerning academic dishonesty. This policy can be found on pp. 106-109 of the undergraduate catalog http://www.marshall.edu/catalog/undergraduate/ug_08-09_published.pdf or on pp. 59-62 in the 2008 online graduate catalog http://www.marshall.edu/catalog/Graduate/S2008gr_sp08.pdf

POLICY FOR STUDENTS WITH DISABILITIES: Marshall University is committed to equal opportunity in education for all students, including those with physical, learning and psychological disabilities. University policy states that it is the responsibility of students with disabilities to contact the Office of Disables Student Services (DSS) in Prichard Hall 117, phone 304.696.2271 to provide documentation of their disability. Following this, the DSS Coordinator will send a letter to each of the student's instructors outlining the academic accommodation he/she will need to ensure equality in classroom experiences, outside assignment, testing and grading. The instructor and student will meet to discuss how the accommodation(s) requested will be provided. For more information, please visit <http://www.marshall.edu/disabled> or contact Disabled Student Services Office in Prichard Hall 117, phone 304.696.2271.

AFFIRMATIVE ACTION POLICY: This course will follow Marshall University's policy on Affirmative Action, which can be found on p. 93 of the 1008-2009 undergraduate catalog http://www.marshall.edu/catalog/undergraduate/ug_08-09_published.pdf, or on pp. 16-17 of the 2008 graduate catalog http://www.marshall.edu/catalog/Graduate/S2008gr_sp08.pdf. Specifically, all students will be afforded equal opportunity without regard to race, color, sex, religion, age, disability, national origin, or sexual orientation.

INCLEMENT WEATHER POLICY: Students can find information concerning Marshall's policy regarding inclement weather on pp. 95-96 of the 2008-2009 undergraduate online catalog http://www.marshall.edu/catalog/undergraduate/ug_08-09_published.pdf or on pp. 23-24 of the 2008 graduate catalog http://www.marshall.edu/catalog/Graduate/S2008gr_sp08.pdf.

