

Hagerstown Community College
MASTER SYLLABUS

COURSE: BIO 109 Modular Biology

SEMESTER: Spring 2018

This is a flexible, modular biology course designed for students who want to earn one or two credits in a non-laboratory life science. Learning modules are completed independently in the Learning Support Center. Not open to students who have completed any other biology course. Learning materials are customized to match student requirements. The 109A sequence emphasizes basic chemistry and biological topics. The 109B sequence contains more technical modules for students who need to learn specific topics relevant to prepare for nursing and allied health. The course does not transfer to other institutions. 15 contact hours. Semesters offered: Fall, Spring, Summer. 1 credit.

INSTRUCTORS

Learning Support Center Adjunct, C. Nelling

TEXTBOOK

Open source materials. No textbook required.

STUDENT LEARNING OUTCOMES:

1. Students will learn time management, study skills, vocabulary, and other skills necessary to effectively study science as measured by team projects, quizzes, worksheets, and the Anatomy and Physiology Placement exam.
2. Students will learn basic biological content material necessary for the study of Anatomy and Physiology, including basic chemistry and biochemistry, cell biology and transport, mitosis, genetics, and cellular respiration using lecture, hands on activities, modules, and computer based activities.
3. Students will gain confidence in their own ability to complete science assignments by being given several opportunities to complete each assignment and pass each test.
4. Students will recognize that success only occurs when the student expends time and the effort to ensure they are properly prepared.

Minimum Clock Hours Required for this Course

Component of Course	Hours In Class/Lab	Hours/Item Outside of Class	Total Hours/Semester Outside of Class
<i>Lecture</i>	12.5 hours		
Quizzes		5 hours/lecture	15 hours/semester
Units Exams		5 hours/exam	5 hours/semester
Cumulative exam		5 hours/exam	5 hours/semester
Total	12.5 hours		hours

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 or at 240-500-2530.