

HAGERSTOWN COMMUNITY COLLEGE
Course Outcomes Guide (COG)

COURSE: BIOLOGY 12 Biology of Disease
SEMESTER: 17 FALL
INSTRUCTOR:

Expected Learning Outcomes

- a) The student will gain an understanding of biology using viral diseases as a model of cellular function and its relation to the total organism as measured by quizzes, assignments, and exams.
- b) Strengthen student's reading, writing, and information literacy skills by requiring students to read papers from scientific sources and report their findings.
- c) Strengthen student's social intelligence skills by expecting students to take responsibility for their own actions, including turning in all assignments when scheduled and keeping up with a tight schedule.
- d) The student will be exposed to contemporary areas of research about viral disease by reading articles and reporting on their contents.
- e) Students will become aware of and discuss the importance of viral disease from a historical, ethical and moral perspective through reading, on-line discussion boards, and other assignments.

Assessment

The assessment is a cumulative final exam given with general education questions. Currently this assessment is being evaluated and will be modified to better reflect and gauge student learning outcomes.

Validation

The exam will be validated by comparing assessment grades between other biology courses using the same general education questions.. The exam currently utilized for assessment is undergoing review to determine the best methodology, validation methods, and material for inclusion for future student learning outcomes assessment.

Follow-up (How have you used or how will you use the data to improve student learning?)

Assessment results will be analyzed for each faculty member to see if they correlate with grade. Results will also be compared amongst instructors to see if results are consistent. Finally each instructor will get a read out that will show their results for each section to see if students are missing any outcomes and come up with new learning techniques.

Budget Justification (What resources are necessary to improve student learning?)

None needed.

Course: BIO 112**SLOA Data****Faculty Team: Adjunct**

	SU 2016	FA 2016	SP 2017	FA 2017	
# Active students	15	20	18		
%W	13.3	10	11.1		
*% walk-away Fs No final exam/grade = F	20	25	44.4		
% Success (A,B,C)	66.7	60	44.4		
Common Comprehensive Final Exam Score	93.1				
Mean course grade	2.38	2.22	1.38		
Item Analysis Weakest Content Areas	none				

*% Walk-away Fs = Did not take the final exam and received a grade of F.