

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: BIOL224 (Anatomy & Physiology II) – online course
 Section Number(s): 1008
 Department: Science
 Instructor: Daniel Bergey

Academic Year: 2020-2022
 Semester: SPR2022
 Is this a GenEd class? Yes ___ No X

- Complete and submit your assessment report electronically to the Dean of Arts & Sciences by May 31st. As needed, please attach supporting documents and/or a narrative description of the assessment activities. You may use as many or as few outcomes as necessary.

Class/Course Outcomes	Assessment Measures	Assessment Results	Outcome Results Analysis
In the boxes below, summarize the outcomes assessed in your class or course during the last year. If this is a GenEd class, include the appropriate GenEd objectives.	In the boxes below, summarize the methods used to assess course outcomes during the last year. Include the criterion you'll use to judge whether or not students have achieved the expected outcome.	In the boxes below, summarize the results of your assessment activities during the last year. Include your judgment as to whether or not the criterion for student achievement has been met.	In the boxes below, summarize how you plan to use the results to improve student learning.
<ul style="list-style-type: none"> Identify listed anatomical features of each system studied. 	Assessment Measure: Identifying anatomical features in practical examinations. <ul style="list-style-type: none"> Weekly quizzes Exams Written reports Supplemental HW Criterion for achievement: <ul style="list-style-type: none"> Passing lab and lecture quizzes with 70% minimum score. 	Results: <ul style="list-style-type: none"> 16/17 students Criterion Met: Yes/No <ul style="list-style-type: none"> YES 	Action Plan: <ul style="list-style-type: none"> Continue with same content emphasis, instructional strategy and methods. Illustrate concepts with practical examples of real-world examples and applications. Emphasize key relevant concepts during lab sessions.
Outcome #2: <ul style="list-style-type: none"> Describe the physiology of each system studied. 	Assessment Measure: <ul style="list-style-type: none"> Weekly quizzes Exams Written reports Criterion for achievement: <ul style="list-style-type: none"> Passing lab and lecture quizzes with 70% minimum score 	Results: <ul style="list-style-type: none"> 16/17 students Criterion Met: Yes/No <ul style="list-style-type: none"> YES 	Action Plan: <ul style="list-style-type: none"> Integrate more examples of applications of chemistry and biochemistry in health science and medicine.

GBC Class/Course Assessment Report

<p>Outcome #3:</p> <ul style="list-style-type: none"> Analyze clinical values such as electrocardiograms, blood parameters, blood gas values, urine composition, etc. 	<p>Assessment Measure:</p> <ul style="list-style-type: none"> Weekly quizzes Exams Written reports <p>Criterion for achievement:</p> <ul style="list-style-type: none"> Passing lab and lecture quizzes with 70% minimum score 	<p>Results:</p> <ul style="list-style-type: none"> 16/17 students <p>Criterion Met: Yes/No</p> <ul style="list-style-type: none"> YES 	<p>Action Plan:</p> <ul style="list-style-type: none"> Include examples of specific applications for health, medicine, nutrition, diagnostic procedures, and treatments. Invite lab technician from Humboldt General Hospital to discuss standard lab procedures and protocols
<p>Outcome #4:</p> <ul style="list-style-type: none"> Apply knowledge gained to clinical situations 	<p>Assessment Measure:</p> <ul style="list-style-type: none"> Weekly quizzes Exams Written reports Brief student presentations to class <p>Criterion for achievement:</p> <ul style="list-style-type: none"> Passing lab and lecture quizzes with 70% minimum score 	<p>Results:</p> <ul style="list-style-type: none"> 16/17 students <p>Criterion Met: Yes/No</p> <ul style="list-style-type: none"> YES 	<p>Action Plan:</p> <ul style="list-style-type: none"> Group activity involving students completing worksheets during lab sessions. Include more discussions of clinical case examples to highlight specific problems of different organs and physiological systems, including diagnostic indicators and various treatment options.

Notes & Comments:

(1) BIOL224 is a comprehensive, challenging course that requires dedicated and consistent effort all semester to keep up with. The course is also a difficult and time-consuming course for the instructor due to the complex physiological processes of each organ system, and the systemic integration of their physiological processes with other tissues and organs. That said, BIOL224 is one of my top 3 favorite course to teach (Genetics and Immunology are the other two). For the first time, BIOL224 was listed as an online only course this semester due to lingering COVID concerns. Even though it was an online course, I recorded and posted Zoom lecture for every chapter to augment and reinforce the lecture notes I make and posted for the students. Although time consuming, I felt this was necessary to provide a more effective, “interactive” instruction for this challenging content. The students expressed sincere appreciation for these efforts, and I believe these efforts are a key reason this BIOL224 class turned out to be exceptionally dedicating and high performing class, with an overall class average of around mid-85%. I was extremely pleased and impressed with the effort, dedication, and performance displayed by students in BIOL224 this semester.

(2) I had only one “F” grade in the class, and this student just stopped showing up and taking Quizzes, Exams about half-way through the semester. Of the 16 remaining students, there were 5 “As”, 6 “Bs”, 5 “Cs”.

Respectfully submitted 5/22 - DBergey

GBC Class/Course Assessment Report

I have reviewed this report:

Department Chair

Date _____

Dean

Date _____

Vice President of Academic Affairs and Student Services

Date _____