

Assessment: Course Four Column



Courses (SCI) - Biology

BIOL 223 (Freistroffer):Anatomy and Physiology I

Course Outcomes	Assessment Measures	Results	Actions
<p>Structures and functions of cells - Students will be able to describe and solve problems involving the structures and functions of cells Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/29/2016</p>	<p>Exam - Exam 1: problems 15-37 Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 63% (09/30/2016)</p>	
<p>Structures and functions of tissues - Students will be able to describe and solve problems involving the structures and functions of tissues Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Exam - Exam 1: problems 38-50 Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 60% (09/30/2016)</p>	<p>Action: No action is required, but students seem to still be baffled by certain aspects of tissue function such as the purpose of the basement membrane, and connective tissue. Instruction could be improved on these, especially in lab with more excises linking structure and function. (09/30/2016)</p>
<p>Structures and functions of the integumentary system - Students will be able to describe and solve problems involving the structures and functions of the integumentary system Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Exam - Exam 2: Problems 1-15 Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 81% (09/30/2016)</p>	
<p>Structures and functions of the</p>	<p>Exam - Exam 2: problems 16-50</p>	<p>Reporting Period: 2015-2016</p>	

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>skeletal system - Students will be able to describe and solve problems involving the structures and functions of the skeletal system</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Criterion: 60%</p>	<p>Criterion Met: Yes 73% (09/30/2016)</p>	<p>Action: Instruction on the process of ossification needs to be improved. This part had the lowest grades. (09/30/2016)</p>
<p>Structures and functions of the muscular system - Students will be able to describe and solve problems involving the structures and functions of the muscular system</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Exam - Exam 3 --- all problems on the exam Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 66% (09/30/2016)</p>	<p>Action: The proportion of time spent on the sliding filament mechanism needs to be increased. This is the first really complicated physiology process that students encounter – and it kind of kills them. (09/30/2016)</p>
<p>Structures and functions of the nervous system - Students will be able to describe and solve problems involving the structures and functions of the nervous system</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Exam - Exam 4 --- all problems on the exam Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 73% (09/30/2016)</p>	<p>Action: Students had the most trouble with understanding nerve cell physiology. The proportion of the instruction time on this could be increased. (09/30/2016)</p>
<p>Scientific terminology. - Students will show proficiency in the use of scientific terminology.</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 09/30/2016</p>	<p>Exam - All exam questions use scientific terminology --- so, all exam questions in the course are the measure. (Note: no specific exam questions actually test on vocabulary in a direct way; they just use it.) Criterion: 60%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 72% (09/30/2016)</p>	<p>Action: The exams are all curved. This is why 60% is used as the criterion for achievement. The exams are made extremely challenging so that students are prepared for the nursing program and nursing licensure exams. (09/30/2016)</p>