Assessment: Course Four Column

Courses (SCI) - Biology

BIOL 223:Human Anatomy & Physiology I

Course Outcomes	Assessment Measures	Results	Actions
Major themes of Anatomy & Physiology, - Students will be taught the major themes of Anatomy & Physiology, they will able to understand the structure, functions and locations of Tissue Systems. They will understand the general Anatomy & Physiology of Muscular system, Muscles, Skeletal system , Joints, Central , Peripheral & Autonomous Nervous system, Spinal cord & Cranial & Spinal Nerves. **Course Outcome Status:** Active **Next Assessment:** 2023-2024	**Exam -** Lecture exams & quizzes, Lab Exams, Report writing & Extra credits **Criterion:** 60% class achieving "A" & "B" grades	**Reporting Period:** 2018-2019 **Criterion Met:** Yes Exam – 1 – total score 100 points Average score - 76 High -93 Low- 43 SD- 15.72 Average time – 40.21 minutes Exam – 2 – Total score – 100 (Exam conducted on Connect plus) Average score - NA High -87 Low- 43 SD- NA Average time – NA Exam – 3 – Total score - 100 Average score - 64 High -94 Low- 26 SD- 22.46 Average time – 38.12 minutes Lab Exam – 1- Total score – 50 High -45.5 Low- 14	**Action:** Bio 223 is a difficult class and many students are not prepared or college ready to put in the effort required for this course which resulted in 63% of class scoring "A" & "B" grades. For this class there were exceptionally high "F" grades because most of them decided to drop from the class after the deadline. They did not even bother to complete their online connect plus homework which would have easily bumped their grades in the class from "F" to at least a "D". Students were provided various tools to succeed in the class. They had online assignments(connect plus) which has many visual questions and videos to understand various Anatomical systems & Physiological mechanisms. I had provided them with Histology slides, various links to Video representation of complex mechanisms& power points. I also used colouring

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		Lab Exam – 2- Total score - 50 High -48 Low- 0 Connect plus- Total points – 225 High – 222 Low- 0 TOTAL- 19 students Grades 4- A 8- B 3-C 0-D 4- F (09/18/2019)	pictures of Muscular system & Skeletal system for better retention of information learnt in the class & labs. Scientific articles were posted so that they could make connections with the material learnt in the class to real world incidents. I would like to continue with the above all methods of teaching and add few more models to the labs. There were many opportunities provided to improve their grades by ways of submitting extra credits and online homework but if all these easy opportunities did not help them to score 80% and above then I think they are not ready and repeating this class may help them prepare better for professional courses. (09/18/2019)