Program review for 103B critical thinking
Exam 1 103B students who attempted to compare and contrast
Essay (student previously had question): 20/29 = 69%
Short answer: 22/24 = 92%

103A critical thinking
Exam 1 students who attempted compare and contrast in essay
13/60 average grade on exam: 83.70%
47/60 average student who did r 56.00%
overall average of class 62%

Course SLO #2: Interpret physiological homeostatic mechanisms and their interactions in multiple body systems. Relate normal homeostatic mechanisms to abnormal and pathological conditions
A takehome final case study was assigned. This case study presented clinical signs and symptoms often including clinical test results from a patient.
Each case study required students to answer 4-5 questions explaining how the normal physiology that underlies the homeostatic imbalances shown in the case have been affected by the pathological condition.
Groups of 3-4 students were given the same case study but individual reports and explanations were required.

average score
Case 1 alcoholism 28.5/30
Case 2 bulimia 27.2/30
Case 3 hypovolemic shock 29/30
Case 4 pulmonary edema 26.4/30
Case 5 diabetes mellitus 28.7/30
Case 6 hyperkalemia 27.4/30
Case 7 heart birth defect 28.2/30

103B course SLO 3: Apply normal physiological parameters to critically analyze abnormal and pathological conditions
pathological parameters and normal ones Quiz 1 10 questions worth 20 pts average score 13/20
Final exam quest 15 on metabolic acidosis blood results: 58% correctly answered metabolic acidosis & 90% correctly recognized it as acidosis