BS Human Movement Science

EXERCISE SCIENCE Emphasis

Assessment Plan of Curriculum Learning Objectives

Exercise science majors understand human movement and concepts related to the anatomical, physiological and biomechanical aspects of human movement.

1) Curriculum Learning Objective: Identify critical elements of the bones and muscles involved in human movement and combine the concepts related to anatomy and physiology with biomechanics.
   a) Assessment of Learning Objective: Evaluation of grades each semester. An assessment committee at the department level will compute the percentage of students who score lower than 80% (B-) in anatomical kinesiology and biomechanics courses.
      i) Data-based decisions: If the percentage of students scoring below a B- is greater than 20% the following steps will be taken:
         (1) Faculty involved in teaching the objective related courses will review the assessment and propose curriculum changes to improve score outcomes.

2) Curriculum Learning Objective: Demonstrate competent knowledge in areas of exercise physiology.
   a) Assessment of Learning Objective: Evaluation of grades each semester. An assessment committee at the department level will compute the percentage of students who score lower than 80% (B-) in exercise physiology courses.
      i) Data-based decisions: If the percentage of students scoring below a B- is greater than 20% the following steps will be taken:
         (1) Faculty involved in teaching the objective related courses will review the assessment and propose curriculum changes to improve score outcomes.

3) Curriculum Learning Objective: Describe physiological concepts related to exercise testing (i.e. maximal aerobic testing, anaerobic testing, body composition analysis).
   a) Assessment of Learning Objective: Evaluation of lab grades each semester. An assessment committee at the department level will compute the percentage of students who score lower than 80% (B-) in fitness assessment courses.
      i) Data-based decisions: If the percentage of students scoring below a B- is greater than 20% the following steps will be taken:
         (1) Faculty involved in teaching the objective related courses will review the assessment and propose curriculum changes to improve score outcomes.

4) Curriculum Learning Objective: Describe and apply anatomical, physiological and biomechanical concepts to exercise testing, health and fitness.
a) **Assessment of Learning Objective**: Evaluation of lab grades each semester. An assessment committee at the department level will compute the percentage of students who score lower than 80% (B-) in anatomy, physiology, and biomechanics courses.

i) **Data-based decisions**: If the percentage of students scoring below a B- is greater than 20% the following steps will be taken:

   (1) Faculty involved in teaching the objective related courses will review the assessment and propose curriculum changes to improve score outcomes.