March 17, 2015 MEC Consent Agenda
Course Objective Change

Proposed Change in PHSL 110, Cardiovascular and Respiratory Physiology
Course Objective 3

(2013-14) 3. Explain the role of calcium in cardiac muscle tension development and relaxation following action potential excitation, and discuss the influences of the length-tension relationship, contractility and load upon muscle shortening.

(2014-15) 3. Explain the role of calcium in cardiac muscle tension development and relaxation following action potential excitation, and discuss the influences of the length-tension relationship, preload, afterload, and contractility upon muscle shortening and ventricular performance.

Rationale
The proposed change emphasizes the important concepts of preload and afterload in this objective.