

HEALTH PROFESSIONS SUBCOMMITTEE

REPORT OF ACTIONS

OCTOBER 2006

DENTISTRY: BIODYNAMICS AND PHYSICAL THERAPY Req. by James Gordon

Add 2 new courses:

Eff. Spring 2007

1. **BKN 567 ADVANCED TOPICS IN BIOMECHANICS (2)**
Advanced examination of motion-analysis techniques, applications and data interpretation. Magnetic tracking techniques, upper-extremity kinematics, energy/work/impulse concepts, intersegmental dynamics, and EMG muscle modeling are examined. Prerequisite: BKN 563.
 - **APPROVED.** There was a question about the grade breakdown and the assigned reading; the department provided a revised syllabus. Also, the department provided revised catalogue copy that shows where this course and BKN 575, following, will fit into the courses available to M.S./Ph.D. students.

- 2.. **BKN 575 PRINCIPLES OF MUSCULOSKELETAL IMAGING (2)**
Basic principles of musculoskeletal imaging as it relates to biomechanics research. Topics include MRI physics, variable imaging parameters and selection of pulse sequences.
 - **APPROVED.**