Course Syllabus

Department: Science & Technology

Date: October 3, 2012

I. Course Prefix and Number: BIO 165
   
   Course Name: Kinesiology & Myology I

   Credit Hours and Contact Hours: 4 credit hours and 6 contact hours

   Catalog Description including pre- and co-requisites:
   Lecture and laboratory course designed to acquaint students with the detailed study of
   the major muscles of the torso and pelvis and their function. Focus will be placed on the
   origin, insertion, action, innervations, and range of motion of specific muscles. This course
   includes the study of name, shape, and location of bones and tendons as well as their related
   joints. Prerequisite: BIO 171 and Co-requisite: BIO 172.

   Relationship to Academic Programs and Curriculum including SUNY Gen Ed
designation if applicable: This course is part of the A.A.S. Therapeutic Massage /Integrated
Health Care program. Its content is required to meet a portion of the theory and practicum
regulations as set forth by the State Education Department in order to be eligible for
admittance to the license examination.

II. Course Student Learning Outcomes:
   A. The students will demonstrate the ability to locate and name the major muscles and bones
      specified in the course outline.

   B. The students will recognize and define movement (action) for all the major muscles
      specified in the course outline.

   C. The students will recognize what bones and joints are associated with movement of a
      certain muscle.

   D. The students will name the anatomical attachments of the major muscle groups.

College Learning Outcomes Addressed by the Course: (check each College Learning
Outcome addressed by the Student Learning Outcomes)

- [ ] writing
- [X] oral communications
- [X] reading
- [ ] mathematics
- [ ] computer literacy
- [ ] ethics/values
- [ ] citizenship
- [ ] global concerns
III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): For each identified outcome checked, please provide the specific assessment measure.

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
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<tbody>
<tr>
<td>Oral Communication</td>
<td>Students will successfully complete 3 oral practical exams.</td>
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<tr>
<td>Reading</td>
<td>Student will demonstrate reading skills through successfully completing written exams and through completion of exercises in the lab manual.</td>
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<tr>
<td>Computer Literacy</td>
<td>Students will demonstrate computer literacy by utilizing required learning tools such as podcasts, muscle apps. and internet sites.</td>
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IV. Instructional Materials and Methods

Types of Course Materials:

Current Textbooks, Lab Manual, Manikin Clay Models, Internet

Methods of Instruction (e.g. Lecture, Lab, Seminar …):

Lecture, Lab, and Hands-on Palpation

V. General Outline of Topics Covered:


7/12