

## Crafton Hills College - Outcomes Assessment Report

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**Program/Service Area:** Anatomy

**Year:** 2011-2012

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The last program review was performed three years ago and the Student Learning Outcomes were developed by Dr. Mark Jonasson at that time, he was the only faculty member who assessed them. Dr. Torgeir Johnsen modified it to include all faculty members in 2009 striving for consistency. Then the new full time faculty member expanded this in 2010. Working off of the existing SLOs, they were revised to include a new comprehensive understanding of anatomy and physiology via a pre and post test assessment. The SLOs for this department gauges Gross Anatomy, Microscopic Anatomy, Physiology, Dissections, and Comprehensive Understanding of Anatomy and Physiology.

Of the SLOs above, the comprehensive understanding of anatomy and physiology was piloted in Spring 2011 and is implemented in full assessment for Fall 2011. The assessment consists of a 50 questions multiple-choice Pre-Test and Post-Test. The 2 tests are identical, except they are administered at different times of the semester. The Pre-Test is administered on the first day of the semester before any materials are introduced. The Post-Test is administered on the last day of instructions before the final exam. The Spring 2011 pilot program assessed a total of 6 sections that consisted of ANAT 101, ANAT 150, and ANAT 151. This department will continue to assess this SLO in the 2011-12 academic year (see Table 5 – Table 7 for result of pilot program).

Since this is the first time the assessment of an SLO has been performed, a lot has been learned from this process. Even though the overall Post-Test goal of a 75% was not achieved in the pilot program, there is improvement of results from all 3 courses from pre to post-test. ANAT 151 showed the most improvement with an average of 22.4% increase and the ANAT 150 has the least improvement of 18.9% after a semester of instruction. The ANAT 150 has the smallest sample size and may have contributed to the result.

Fall 2011 is the first time that the assessment of the SLO is first officially measured. Since data is currently being collected, in the coming semesters more SLOs will be included in the assessment processes. In addition to the current assessment, other SLOs will be included. Scheduled for Fall 2012, laboratory skills and gross anatomy will be added to the assessment process. The laboratory skills will be an assessment of the ability of students to use laboratory equipment. The use of the microscope and preparation of a wet mount slide will be part of this assessment process whereas, the gross anatomy portion of the assessment will be incorporated into the lab practical of all courses. Ultimately, the microscopic anatomy and physiology assessment will be measure in the following academic year. This department will continue to assessment of the SLOs and data will be kept in the Anatomy and Physiology Department.