

WITC General Studies Course Assessment report form
Assessment year/time-period: 2015-16

Course Assessed	General Anatomy & Physiology 10-806-177						
Dates(s)	2015-2016 year						
Participating faculty members	Lori Cypher, Mary Goldsmith, Jodie Karr, Dave Stanley						
Assessment Process/Design	All of the health science faculty members worked collaboratively to design the common assessment. This assessment addresses all of the course competencies and learning objectives using carefully designed multiple choice or true/false type questions. Therefore, it is consistent for all students, regardless of which instructor they had, or which campus they attended. All WITC students taking this course were expected to take the assessment, regardless of learning mode. We utilized statistical analysis methods that are already incorporated in the blackboard learning platform to gather the data for this analysis.						
Results and Analysis: from 2015-16 year	<p>Total number of students in 2015-16 assessment: 226 Overall average across all learning modes was 79.47%</p> <table border="0"> <tr> <td># Online: 88 students</td> <td>average test score: 80.41%</td> </tr> <tr> <td># Web Enhanced: 102 students</td> <td>average test score: 79.04%</td> </tr> <tr> <td># Blended: 36 students</td> <td>average test score: 78.38%</td> </tr> </table> <p><u>Results indicate that students excelled at the following competencies:</u> #2. Classify the major chemical components of living things according to their structure and function. #3. Characterize the basic structure and function of the cell and its parts. #4. Identify how cells store and use energy #9. Analyze how components of the muscular system function in the body.</p> <ul style="list-style-type: none"> • Students excelling at these competencies were taking all learning modes. <p><u>Results indicate that students need improvement with the following competencies:</u> #7. Analyze how components of the integumentary system function in the body. #10. Analyze how components of the nervous system function in the body. #15. Analyze how the macroscopic components of the urinary system function in the body. #16. Analyze how components of the reproductive system function in the body.</p> <ul style="list-style-type: none"> • Students needing improvement were taking all learning modes and averaged less than 80% on each of these competencies over the 2015 – 2016 school year. 	# Online: 88 students	average test score: 80.41%	# Web Enhanced: 102 students	average test score: 79.04%	# Blended: 36 students	average test score: 78.38%
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	<ul style="list-style-type: none"> The following competencies have repeatedly been the in lowest scoring competencies over the past several years. #10. Analyze how components of the nervous system function in the body. #15. Analyze how the macroscopic components of the urinary system function in the body.
Action Plan relative to results	<p>Based upon this assessment of General Anatomy & Physiology (10-806-177) course for the 2015-2016 school year:</p> <p>Keep doing what we are doing – in general. Where students excelled, best practices were shared and our success was celebrated.</p> <ul style="list-style-type: none"> This happened in particular with regard to these particular competencies: 2, 3, 4, and 9 as noted above. <p>For each of the following competencies, students demonstrated poor mastery, less than 80% correct. Best practices were shared and new strategies developed to enhance student learning. These include:</p> <ul style="list-style-type: none"> #7. Analyze how components of the integumentary system function in the body. #10 Analyze how components of the nervous system function in the body. #15 Analyze how the macroscopic components of the urinary system function in the body. #16. Analyze how components of the reproductive system function in the body. <p>Improvement Plan: No modifications will be made to the General Anatomy & Physiology Common Assessment at this time. The science faculty could not identify any specific plans to address lower scores in these competencies. Due to the new common text book, and changing dynamics of the General Anatomy & Physiology student body, we have decided to continue on for another year without specific changes to our teaching at this time. We each will continue to improve our individual course content concerning new text materials.</p>
Implementation Assessment Summary	<p>Total number of students in 2015-16 assessment: 226</p> <p>Web-enhanced students: 102 Average test score for Web-enhanced students: 79.04%</p> <p>Online students: 88 Average score for online students: 80.41%</p> <p>Blended students: 36 Average score for blended students: 78.38%</p> <p>Overall: 226 students Overall average score for all modes: 79.47%</p>

	<p>Plan: We have plans that we will implement and assess:</p> <ol style="list-style-type: none"> a. Incorporate the use of Khan Academy, TED Talks, other YouTube videos and Wisc-online learning activities into the lesson plans as reading and lesson planning evolve over the year. Share those that seem exciting, or are working, with the other faculty members. b. The science faculty members have adopted a new textbook. New assignments and assessments are being created by each instructor on each campus for this new text materials. <p>As we stay in touch with one another over the year, we would hope to be able to realize positive improvements in scores for these competencies.</p>

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