

California Community Colleges Locally Managed/Developed Objective Test

College: **Mt. San Antonio College**

Renewal Request? ☒ Yes ☐ No

Test/System: **Math Placement Test**

Prior review dates: **Resubmit from July
2014 Renewal**

Recommendation: ☒ Approval ☐ Probationary Approval
☐ Provisional Approval ☐ Disapproval

Problems:

- | | | |
|------------------------------|--|---|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 1. Content Validity (See Comment) |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 2. Reliability (<input type="checkbox"/> Stability or <input type="checkbox"/> Internal Consistency <input type="checkbox"/> Standard Error) |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 3. Test Bias |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Cut Score (See Comment) |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Disproportionate impact |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 6. Other |

Review Analysis and Comments

1. *Validity*

Content (☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study ☒ Other)

The college should consider whether the nine items found to align with LERN49 and the items found to be aligned with higher level courses (MATH50 and MATH51) provides sufficient enough information for making a decision about placing student in LERN 49 instead of LERN48.

Although the college used an approved method for content review by having faculty rate the importance of each test item to the skills taught in the course it is also important to consider whether prerequisite skills are sufficiently covered by test items. For future studies, we encourage the college to consider the number of items addressing the prerequisites in each course in order to evaluate the content balance between the assessment and the course prerequisites.

2. *Reliability*

☐ Stability
-OR- (☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study ☐ Other)
☐ Internal Consistency

Final Report and Approval Status
June 2015

Standard

Error (☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study ☐ Other)

3. *Test Bias* (☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study ☐ Other)
(Note: Must perform one of these: DIF analysis, panel group, or differential prediction for appropriate linguistic and/or cultural groups.)

4. *Cut Score* (☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study X ☒ Other)
(Note: May establish cut score through empirical or judgmental process.)

In the future, we would suggest adjusting the wording of the faculty survey response options. It would be better to reword the third response option “The student is prepared to enroll in a higher level course” by adding “The student is overly prepared and should have been advised to enroll in a higher level course” to represent those situations where the student was placed at too low of a level.

5. *Disproportionate Impact*
(☐ Insufficient Info. ☐ Plan Only/No Data ☐ Inadequate Study ☐ Other)

6. *Other*