Math Department Reflection
Currently Submitted and Shared

Reflection template for the math department

Narrative Response: What was learned from the assessment of student learning outcomes? In what areas did students excel? What issues and needs were identified that can lead to further course revisions or improvements?

In general, my class did pretty horrible on the SLO question. The question was a "word problem" application of exponential growth and decay. The topic was covered toward the end of the semester. Though I offered numerous examples of setting up and solving word problems throughout the semester, many students

Planned Course Changes: As a result of your review of relevant assessments and your department's discussion, what course changes are planned? List the numbers of all that you would consider from the following or state "No change planned": 1. Assessment method 2. Student learning outcome language 3. Instructional activities 4. Instructional pacing 5. Instructional materials 6. Faculty-student interaction 7. Faculty collaboration 8. Integration of other college resources into course

3, 4, 7.

Planned Course Changes: please explain the changes you have planned from above and any ideas you have that are not listed.

3, 4. I taught the material on exponential growth and decay at a rapid pace. The next time I teach this course I will better pace the topics so that the students will have more time to work on and solve application problems during class, specifically with exponential growth, decay, and logarithms.

Recommended College-wide Improvements: In what areas outside of this course can improvements be made or barriers removed to better ensure student success? List the numbers of all that you would consider from the following or state "No change recommended": 1. Student textbook assistance 2. Support for student reading skills 3. Support for study skills 4. Support for writing skills 5. Support for math skills 6. Individual counseling for students 7. Support for transportation issues for students 8. Support for childcare issues for students 9. Tutoring support in this subject 10. Online tutoring 11. Support for financial aid 12. Support for student research skills

No change recommended.

Recommended College-wide Improvements: please explain the changes you have recommended above and any ideas you have that are not listed.

NA

Other comments.

Please complete this field.
General college course reflection questions
Currently Not answered

Reflection questions for use by courses

As a result of your review of relevant assessments, what might you and/or your department do differently to improve student learning and student experiences (e.g., teaching methods, course content, delivery methods, assignments and activities)?

Presented during the first month of the semester, but performed exceptionally well during the final three months of the semester. These results suggest that it is very important for students to have hands-on activities to reinforce their qualitative and quantitative reasoning skills.

As a result of course assessment data, what changes, if any, would you make to improve SLOs and the overall student experience?

Contingent on the approval of the Physical Sciences budget requested for 2018-2019, we plan to replace broken equipment in order to better integrate more hands-on laboratory instructional activities into this course.