

Assessment Report Worksheet #3

General Education Program

Unit/Office/Program (3-1)

Formative Assessment (3-3)

Summative Assessment (3-4)

Fall 2009 – Spring 2010

Assessment Period Covered (3-2)

Karen Simion, DAP

Submitted by & Date Submitted (3-5)

Curriculum Committee 24Aug. 2010

Endorsed by: (3-5a)

Evaluation Question (Use a different form for each evaluation question)(3-6):

Can students demonstrate understanding and apply mathematical concepts in problem solving and in day to day activities, present and interpret numerical information graphically, and communicate thoughts and ideas effectively using proper mathematical terms?

First Means of Assessment for Evaluation Question Identified Above (from your approved assessment plan 3-7):

1a. Means of Unit Assessment & Criteria for Success (3-8):

Common math assignment – information collected was to establish baseline data

1b. Summary of Assessment Data Collected (3-9):

- Overall average points on math assignment was 11.98 out of 24 possible points.
- Understanding of Mathematical Concepts – 3.92 out of 8 possible points
- Presents Numerical Information Graphically – 3.45 out of 8 possible points
- Communicates Mathematical Ideas using Proper terms – 4.6 out of 8 possible points.
- Graphing showed the greatest differences between campuses

1c: Use of Results to Improve Program/Unit Impact/Services[Closing the loop] (3-10):

- Increase the students' ability to represent numerical information graphically at Pohnpei, Kosrae and Chuuk campuses to be equal to the students at Yap and National campuses.
 - Establish communication lines between MS 100 instructors and share teaching strategies.
 - Ensure that each campus has the some type of graphing software or graphing calculators so that all students are exposed to graphing devices. This can be accomplished in a course modification.
- Increase the consistency in the way MS 100 is taught at all campuses.
 - Design common questions for the final exam that are scanned and graded.

Second Means of Assessment for Evaluation Question Identified Above (from your approved assessment plan) (3-11):

2a. Means of Unit Assessment & Criteria for Success:

Students were asked, "How confident are you in completing the math assignment?"

2b. Summary of Assessment Data Collected:

- 60 of the 60 students assessed completed the form with the following results:
 - 14 (23%) of the 60 students reported that they felt confident or very confident in completing the math assignment.
 - 24 (40%) of the 60 students reported that they were unsure, or uncomfortable in

completing the math assignment.

- 22 (37%) of the 60 did not respond to that question.
- Student perceptions seem to reflect their abilities for the most part.

2c: Use of Results to Improve Program/Unit Impact/Services [Closing the loop]:

- Maintain current level of student perceptions' about their abilities to complete math problems.

Third Means of Assessment for Evaluation Question Identified Above (from your approved assessment plan) (3-12):

3a. Means of Unit Assessment & Criteria for Success:

3b. Summary of Assessment Data Collected:

3c: Use of Results to Improve Program/Unit Impact/Services[Closing the loop]: