

# ASSESSMENT REPORT FOR

General Education  
(Instructional Degree Program)  
January 1 to October 2008  
(Assessment Period Covered)

A.S., A.A., Certificate  
(Degree Level)  
October, 2008  
(Date Submitted)

## Intended Educational (Student) Outcome:

*NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below and the intended outcome number entered in the blank spaces.*

### 3. MATHEMATICS

\* Define mathematical concepts, calculate quantities, estimate solutions, solve problems, represent and interpret mathematical information graphically, and communicate mathematical thoughts and ideas.

### First Means of Assessment for Outcome Identified Above:

#### 3a. Means of Program Assessment & Criteria for Success:

Pass Rate on Final Exams

Criteria for success: 75% average final exam score or higher

#### 3a. Summary of Assessment Data Collected:

	<u>Criteria Met?</u>
From the Spring semester 08 class:	
MS100 – 73.5% average final exam score	No
MS099 – 90.4% average final exam score	Yes
MS096 – 63.6% average final exam score	No
MS095 – Not reported	?
From the Summer semester 08 class:	
MS100 – 88.4% average final exam score	Yes
MS099 – 90.2% average final exam score	Yes
MS096 – 83.3% average final exam score	Yes

Overall average final exam score for the two semesters – 81.6%

#### 3a. Use of Results to Improve Instructional Program:

Students in spring MS096 class did not perform well. However, MS096 class in summer did well. Other classes seem to perform well. Meeting with Math instructor to discuss Spring class results. Continue to monitor.

**Second Means of Assessment for Outcome Identified Above:****3b. Means of Program Assessment & Criteria for Success:**

Improvement in Pre – Post test:

Criteria for success: Difference  $\geq$  25 points**3b. Summary of Assessment Data Collected:**

Course #	Course Name	Students	Pre/Post Difference	Meet Standard?
<b>Spring Semester 08</b>				
MS100	College Algebra	8	No test given	
MS099	Intermediate Algebra	18	No test given	
MS096	Elementary Algebra	15	No test given	
MS095	Pre Algebra	16	No test given	
<b>Summer Semester 08</b>				
MS100	College Algebra	7	30	Yes
MS099	Intermediate Algebra	10	43	Yes
MS096	Elementary Algebra	8	20	No

**3b. Use of Results to Improve Instructional Program:**

Math teachers are now implementing use of Pre/Post test in all classes. More data is needed.

Standard was not met for MS096 class over the summer. However, students did have an 83.3% average on the final exam.

**Third Means of Assessment for Outcome Identified Above:****3c. Means of Program Assessment & Criteria for Success:**

Student Surveys

Criteria for success: General Weighted Mean of 4.25 or higher

**3c. Summary of Assessment Data Collected:**Spring 08: Criteria meet?

MS100 – 4.94      yes

MS099 – 4.94      yes

MS096 – 4.88      yes

MS095 – 4.76      yes

Summer 08:

MS100 – 3.85      no

MS099 – 4.89      yes

MS096 – 4.55      yes

**3c. Use of Results to Improve Instructional Program:**

MS100 is a struggle for students during the short summer semester. Instructional Coordinator met with MS100 instructor to discuss results of student survey. Criteria are being met. Continue to monitor results.