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## Detailed Assessment Report 2008-2009 Accelerating Developmental Math

### Mission/Purpose

The Developmental Math Department will assist Developmental Math students to complete their Developmental Math coursework in a timely manner by using innovative intervention strategies.

### Goals

**G 1: Accelerate above-average students**

Accelerate above-average students in Developmental Math course.

**G 2: Use active learning strategies to promote success**

Use active learning strategies to promote successful performance in Developmental Math classes.

**G 3: Accelerate students who repeat the Dev Math course**

Accelerate students who repeat the Developmental Math courses.

**G 4: Use computerized program to promote success**

Use computerized program to promote student success.

### Outcomes/Objectives, with Any Associations and Related Measures, Achievement Targets, Findings, and Action Plans

**O 1: Offer free testing to Math 85 "A" students**

Math 85 Students who make "A" in the course will take free Accuplacer to test out of developmental sequence as soon as possible.

**Related Measures:**

**M 1: Higher percent of Math 85 students will pass Accu**

Higher percent of Math 85 students will pass Accuplacer for Fall 2008 as compared to the Math 85 students' average pass rate of the past 3 Fall semesters.

Source of Evidence: Academic Indirect Indicator

**Achievement Target:**

Math 85 students will pass Accuplacer for Fall 2008 at a rate higher by 2% as compared to the Math 85 students' average Accuplacer pass rate of the past 3 Fall semesters.

**M 2: The Fall 2008 cohort of Dev Math students' TSI**

The Fall 2008 cohort of Dev Math students' TSI completion rate will be higher than the Fall 2006 cohort within a two-year window.

Source of Evidence: Academic Indirect Indicator

**Achievement Target:**

The Fall 2008 cohort of Dev Math students' TSI completion rate will be higher by 2% than the Fall 2006 cohort within a two-year window.

**O 2: Engage students in hands-on learning process**

To ensure Developmental math students gain confidence in themselves by engaging more in the hands-on learning process in the classroom.

**Related Measures:**

**M 3: An increased percentage of students will**

An increased percentage of students will successfully complete the Math 80, 85, and 90 course in Fall 2008 as compared to Fall 2007.

Source of Evidence: Academic Indirect Indicator

**Achievement Target:**

Developmental Math students in Fall 2008 will pass the Math 80, 85, and 90 course at a rate higher by 5% than the pass rate for Fall 2007 (track the pass rate by levels and by department).

**O 3: Offer self-paced curriculum to course repeaters**

Offer self-paced curriculum to students who are repeating Math 85.

**Related Measures:**

**M 5: The pass rate of students in the repeater course**

The pass rate of students in the repeater course will be higher than the pass rate of students in a traditional Math 85 course in Fall 2008 and in Spring 2009.

Source of Evidence: Academic Indirect Indicator

**Achievement Target:**

The pass rate of students in the repeater course will be higher by 5% than the pass rate of students in a traditional Math 85 course in Fall 2008.

**Related Action Plans:**

**Hire the tutor**

Hire the tutor

For more information, see the *Action Plan Details* section of this report.

**O 4: Utilize tutor assistance to the Course Repeater class**

Utilize tutor assistance to the Course Repeater class.

**O 5: Pilot self-paced curriculum with a computer program**

Pilot self-paced curriculum using My Math.

**Related Measures:**

**M 6: Pass rate comparison**

The pass rate of students enrolled in the self-paced Math 85 classes using My Math Lab will be the same as or higher than the traditional Math 85 classes.

Source of Evidence: Administrative Measure

**Achievement Target:**

The pass rate of students enrolled in the self-paced Math 85 classes using My Math Lab will be the same as or higher than the traditional Math 85 classes.

**Related Action Plans:****Find computer rooms**

Find computer rooms

For more information, see the *Action Plan Details* section of this report.

### **Details for Action Plans Established This Cycle**

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**Communicate to the advisers to promote this class**

Communicate to the advisers to promote this class

**Priority:** High

**Target Date:** 08/2008

Prior to 1st day of class

**Responsible Person/Group:** Chair

**Budget Amount Requested:** \$0

**Create the non-traditional course curriculum as**

Create the non-traditional course curriculum as reflected in the Syllabus

**Priority:** High

**Target Date:** 08/2008

Prior to 1st day of class of Fall 2008

**Responsible Person/Group:** Chair

**Additional Resources Needed:** Syllabus for this pilot class

**Budget Amount Requested:** \$0

**Create the non-traditional course for Math 85**

Create the non-traditional course for Math 85 course repeaters

**Priority:** High

**Target Date:** 08/2008

Create the course in Summer 2008 for implementation in Fall 2008

**Responsible Person/Group:** Chair

**Additional Resources Needed:** Course in Banner schedule

**Budget Amount Requested:** \$0

**Develop policy statement on students' eligibility**

Develop policy statement on students' eligibility to take the TSI test and put it down on the Math85 syllabus.

**Priority:** High

**Target Date:** 08/2008

Prior to the 1st day class

**Responsible Person/Group:** The chair and faculty Prior to the 1st of class

**Additional Resources Needed:** Math 85 syllabus showing the policy statement

**Budget Amount Requested:** \$0

**Develop self-paced My Math Lab curriculum**

Develop self-paced My Math Lab curriculum

**Priority:** High

**Target Date:** 12/2008

Between Dec08 and Jan09

**Responsible Person/Group:** Chair of Dev Math

**Additional Resources Needed:** existing

**Budget Amount Requested:** \$0

**Find computer rooms**

Find computer rooms

**Priority:** High

**Target Date:** 12/2008

Before Christmas break

**Responsible Person/Group:** Chair of Dev Math

**Additional Resources Needed:** existing

**Budget Amount Requested:** \$0

**Hire the tutor**

Hire the tutor

**Priority:** High

**Target Date:** 01/2009

Prior to Spring 2009

**Responsible Person/Group:** chair of Dev Math and Grant Coordinator

**Additional Resources Needed:** Grant funding

**Budget Amount Requested:** \$12000

**Meet with Testing Office coordinator to work out**

Meet with Testing Office coordinator to work out the procedures for proctoring tests to the recommended students

**Priority:** High

**Target Date:** 08/2008

During the first 4 weeks

**Responsible Person/Group:** The chair and Testing Office coordinator

**Additional Resources Needed:** Meeting minutes

**Budget Amount Requested:** \$0

**Reduce the final exam score weight for course**

Reduce the final exam score weight for course grade to 25%

**Priority:** High

**Target Date:** 08/2008

Prior to 1st day of class of Fall 2008

**Responsible Person/Group:** The chair and Faculty

**Additional Resources Needed:** Syllabi for all three levels of Dev. Math

**Budget Amount Requested:** \$0

#### **Revise curriculum at all levels**

Revise curriculum at all levels.

**Priority:** High

**Target Date:** 08/2008

Prior to 1st day of class of Fall 2008

**Responsible Person/Group:** The Chair and Faculty

**Additional Resources Needed:** Syllabi for all three levels of Dev. Math

**Budget Amount Requested:** \$0

#### **Share observations of the effect of modified**

Share observations of the effect of modified curriculum on student learning at faculty monthly meetings

**Priority:** High

**Target Date:** 08/2008

Every month

**Responsible Person/Group:** Faculty/Chair

**Additional Resources Needed:** Meeting minutes

**Budget Amount Requested:** \$0

#### **Students will be informed by the faculty to go to**

Students will be informed by the faculty to go to the testing site for the test.

**Priority:** High

**Target Date:** 08/2008

During the 13th week

**Responsible Person/Group:** Faculty and students on the recommendation list

**Additional Resources Needed:** Record of the student taking the test

**Budget Amount Requested:** \$0

#### **The chair will request the recommendation list**

The chair will request the recommendation list from the faculty about who will be offered the free test during 13th weeks and forward it to the Testing Office.

**Priority:** High

**Target Date:** 08/2008

During the 12th week

**Responsible Person/Group:** The chair and the Testing Office

**Additional Resources Needed:** Recommendation list

**Budget Amount Requested:** \$0

**The Testing Office will develop a proctoring schdl**

The Testing Office will develop a proctoring schedule and forward it to the chair who will in turn forward it to the faculty.

**Priority:** High

**Target Date:** 08/2008

During the 13th week

**Responsible Person/Group:** The chair and Testing Office

**Additional Resources Needed:** Proctoring schedule

**Budget Amount Requested:** \$0