GRANDE PRAIRIE REGIONAL COLLEGE
ACADEMIC UPGRADING DEPARTMENT

SEP 21 2007

INTRODUCTION TO MATH 0080/0090

Instructor: **Pam Smith** **Room:** **A210**

Math 0080/0090 are individual programs of study in which students are placed according to their placement test results and demonstrated test ability. The courses are divided into separate units called modules. It is the responsibility of each math student to take good care of the modules. Only take one module at a time to work from and return each module to your instructor before taking another module and before writing a test.

HOW TO USE MATH MODULES

Each of the modules has instructions, examples, and exercises to complete. Study the instructions and work through the examples before you start an exercise. Write the page number and the exercise number at the top of your paper before you answer the questions in each exercise. DO NOT WRITE IN THE MATH MODULES. The modules must last through several students and several years, so it is important that they are properly cared for.

When you have completed an exercise or after a couple of rows of problems with which you are having difficulty, turn to the answer key at the back of the module. Locate the correct answers by page and exercise number and check your answers. Correct any mistakes you have made. If you try correcting a problem a couple of times and still do not agree with the answer key, check with the instructor. The key to success in working with modules is to ask questions whenever you have difficulty understanding the instructions, the examples, or the exercises. Do not hesitate to ask for help and check your work often.

WRITING POST TESTS

You must write a post-test after each module. A passing mark of 60% is required on the post-test before continuing on to the next module. Students unable to attain this mark must review the material and rewrite the test before they can continue. The two test marks will be averaged in the calculation of your math grade, so be sure you are ready before you write each test. Most modules have a review section at the back so that you can test yourself before you take the actual post-test.

Upon completion of all the modules in the course, you will also write a final exam on all the topics you have covered.

TESTING PROCEDURES

Please follow these guidelines for the writing of math exams:

1. Students writing exams should do so in the designated area of the math lab.

2. Students must bring with them only a pencil, eraser, and, if writing in module 6 or higher, a calculator.

3. If students need scrap paper, please ask the instructor or the instructional assistant to provide you with some.

4. All calculations must be written on the exam in order to get credit.

5. All exams must be completed within the 50 minute class time.

6. Any student found cheating on an exam will automatically be given a score of '0' on that exam and not allowed to retest.

7. Students will have exams returned to them as quickly as possible, and may do corrections for up to 50% of the marks for each correction on post tests. Corrections must be done without looking in your math module or asking anyone for help.

8. There are no corrections allowed on final exams, so students should be certain they have all their work written down.

GRADING POLICY

Students entering MA0080 or MA0090 are expected to complete the course in one semester. This allows about 1 1/2 weeks per module and is not an unrealistic goal for most students to attain providing they attend class regularly and regularly do homework.

If you enter the program with very low math skills, you may be allowed a maximum of 2 semesters to complete a course, providing you attend at least 75% of your regularly scheduled classes and providing the grades on your post tests are the required 60% or higher. You must negotiate this special arrangement with your instructor by mid-semester (mid-October or end of February) or the one semester completion rate will be expected of you. Students working under the two-semester timelines will have a grade of 'R' (return to complete the course) assigned on the grade sheet at the end of the first semester of the course.

If you miss more than 50% of your regularly scheduled class time and do not successfully complete all the modules in the course, you will receive a grade of 'F' (Fail).

Students successfully completing MA0080 or MA0090 will receive a grade of CR (credit) on the transcript. A stanine grade is not assigned until MA0100 or MA0105 have been successfully completed. However, your instructor will provide a numerical mark for the course to you.

CALCULATION OF FINAL COURSE GRADE

In Math 0080, your final mark is determined by:

4 module post tests	60% of final grade
Final Exam	40% of final grade

In Math 0090, your final mark is determined by:

8 module post tests	70% of final grade
Final Exam	30% of final grade

Your final course grade must include the final exam score. Therefore, if you miss the final exam, you will receive a mark of '0' for the final and your course grade will be calculated accordingly.

You must have 50% or higher as your final course grade to receive CREDIT in the course.

STUDENT RESPONSIBILITIES:

- Regular attendance in class.
- At least 30 minutes of math homework each night!
- Satisfactory course work and progress.
- Care and return of math modules.
- A separate mathematics notebook or section in binder.
- Pencils and erasers.

USE OF CALCULATORS

Calculators are not allowed in this course until you are in Module 6 (Percent) of Math 0090. You must purchase your own calculator. You will find a calculator with the following functions helpful in Math 0090 and future math courses:

EXP, $\sqrt{X}$, sin, cos, tan, y^x, π

OUTLINE OF MODULES AND TESTING

The following is an outline of the modules in the course and when post tests are written. Each student will discuss the math program with the instructor in the first month of the course to set deadlines for exams and establish each student's goal in the course.

MA0060 (Review)/MA0080 (BLUE, ORANGE/GOLD MODULES)

BLUE MODULES - WHOLE NUMBERS

Suggested Timelines

Module 1a - Reading, Writing & Rounding Whole Numbers - **Quiz** _____

Module 1b - Addition of Whole Numbers - Review - Addition Problems Only - **Quiz** _____

Module 1c - Subtraction of Whole Numbers - Review - Subtraction Problems Only - **Quiz** _____

Module 1d - Multiplication of Whole Numbers - Review - Multiplication Problems Only - **Quiz** _____

Module 1e - Division of Whole Numbers, Averaging - Review - Division Problems Only - **Quiz** _____

PROBLEM SOLVING MODULE - (Dark Blue) - 4 Sections

Addition Section	pages 35-46	Read instructions, do at least every second problem.
Subtraction Section	pages 26-34	Read instructions, do at least every second problem.
Miltiplication Section	pages 50-66	Read instructions, do at least every second problem.
Divisioin Section	pages 44-45 pages 46-60	Learn numbers 4, and 8. Read instructions, do at least every second problem, but be more thorough on averaging pages 56-60. **Quiz** _____

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MODULE 1F - (Light Blue)

Pages 17-21	All	Page 23	Exercise 12
Pages 24-29	All	Pages 30-36	All
Page 37	Exercise 21	Page 38-43	All practice tests
		Quiz _____	

☐ Whole Numbers
Post-Test _____ **Date Test Completed** _____
Score

Suggested Timelines

ORANGE/GOLD MODULES - DECIMALS

Module 2a - Introduction to Decimals, Addition of Decimals, Subtraction of Decimals
Quiz _____

Module 2b - Multiplication of Decimals, Division of Decimals
Quiz _____

☐ **Decimals Post-Test** _____ **Date Test Completed** _____
Modules 2a - 2b **Score**

FRACTIONS

Module 3a - Introduction to Fractions
Quiz _____

Module 3b - Addition of Fractions, Subtraction of Fractions
Quiz _____

Module 3c - Multiplication of Fractions, Division of Fractions, Complex Fractions
Quiz _____

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☐ Fractions **Post-Test** _____ **Date Test Completed** _____
Modules **3a, 3b, 3c** **Score**

Module 4 - Measurement, The Metric System

☐ **Module 4 Post-Test** _____ **Date Test Completed** _____
Score

☐ **MA0080 FINAL EXAM (Modules 1-4) SCORE** _____

Date Test Completed _____