

GRANDE PRAIRIE REGIONAL COLLEGE

1

ACADEMIC UPGRADING

INTRODUCTION TO MATH 0080/0090

Instructor: _____

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 topic areas by chapter in the text: Basic Mathematics, by Bloomfield. It is the responsibility of each math student to purchase a math text.

Occasionally, the math program may be supplemented by the use of math modules of different topics or for extra practice, as required.

HOW TO USE MATH MODULES

When using the text, the odd numbered answers will be found at the back of the text book. Check with your instructor about where to find the even numbered answers. If you are using a math module, each module will have 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 and check your answers. Locate the correct answers by page and exercise number. 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 in an individualized math program 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 chapter or topic area. 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 first test mark is used in the calculation of your math grade, so be sure you are ready before you write each test. Most chapters 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

Unfortunately, it has become necessary to set guidelines for the writing of math exams. These are as follows:

1. Students writing exams must do so in the front two rows of the math room, if the class is not held in 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, this must be provided by the instructor or the instructional assistant.
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 must tell the instructor or instructional assistant the day prior to writing the test which module number they will be testing in the next day.
8. 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.
9. There are no corrections allowed on final exams, so students should be certain they have all their work written down.

GRADING POLICY

Students entering MA 0080 or MA 0090 are expected to complete either one or both courses in one semester. This allows about two weeks per unit 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 'E' (Fail).

Students successfully completing MA 0080 or MA 0090 will receive a grade of CR (credit) on the transcript. A stanine grade is not assigned until MA 0100 or MA 0105 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, X, sin, cos, tan, y

UNIT 2 - FRACTION OPERATIONS**PART A:**

Section 2.1-2.3	Introduction to Fractions
Sections 2.4-2.5	Multiplication and Division of Fractions
Sections 2.6-2.7	Addition and Subtraction of Fractions

Quiz on Chapter 2 _____

PART B:

Section 3.1	Mixed Numbers and Improper Fractions
Section 3.2	Multiplication and Division of Mixed Numbers
Sections 3.3-3.4	Addition and Subtraction of Mixed Numbers
Section 3.5	Complex Fractions

Quiz on Chapter 3 _____

FRACTIONS POST TEST _____
SCORE

MA0080**UNIT 3 - DECIMAL OPERATIONS**

Section 4.1-4.3	Introduction to Decimals, Addition and Subtraction of Decimals
Sections 4.4-4.5	Multiplication and Division of Decimals
Section 4.6	Interchanging Fractions and Decimals

Decimals Post-Test _____
Score

UNIT 4 - MEASUREMENT, THE METRIC SYSTEM (Orange Module 4)

MODULE 4 POST-TEST _____
Score

MATH 0080 FINAL EXAM (UNITS 1-4) SCORE _____

MA0090UNIT 5 - CHAPTER 5 - RATIOS, RATES AND PROPORTIONSuggested Timelines

RATIO POST TEST _____
SCORE

UNIT 6 - CHAPTER 6 - PERCENT **YOU MAY USE A CALCULATOR NOW!

(Chapter 12 may help you understand what each of the keys does)

PERCENT POST TEST _____
Score

UNIT 7 - CHAPTER 10 - GEOMETRY, PERIMETER, AREA AND VOLUME

GEOMETRY POST-TEST _____
Score

UNIT 8 - CHAPTER 7 - DESCRIPTIVE STATISTICS

STATISTICS POST TEST _____
Score

Review all your tests for Unit 1-Unit 8 for the final!

MATH 0090 FINAL EXAM (Modules 1-8) _____
Score

UNIT 9 - GETTING READY FOR GRADE 9 MATH

If time permits at the end of the semester, you should complete chapters 8 and 9 so that you will be better prepared for grade 9 math.

SEE YOUR INSTRUCTOR ABOUT STARTING MATH 100 OR MATH 105

MATH 0100

Is the grade 9 matriculation math program (beginning Algebra). If you want an advanced diploma or university entrance, you must take Math 0100 as your next course.

MATH 0105

Is a grade 9 business math (the prerequisite for Office Administration). It is also the grade 9 general math course. If math is difficult for you, you are advised to choose MA0105 as your next course.