

MAT082 TR 1:30 – 2:45 p.m. SYLLABUS

COURSE

MAT082 – Basic Arithmetic – Section 35141 – Spring 2016

INSTRUCTOR

Brian Bird – GCC North A 122 – (623) 888-7191 – brian.bird@gccaz.edu

TIME and LOCATION

Tuesdays and Thursdays 1:30 – 2:45 p.m. January 19th – May 5th GCC North A 101

Note: No class on March 15th and 17th due to Spring Break

COURSE DESCRIPTION

Primary emphasis placed on fundamental operations with whole numbers, fractions, decimals, integers, and rational numbers; proportions, and percentages. Other topics include representations of data, geometric figures, and measurement. Note: may receive credit for only one of the following: MAT081, MAT082, or MAT083. Prerequisites: satisfactory score on District placement exam.

REQUIRED BOOK via MyMathLab

You will need immediate access to MML. This can be accomplished in several ways that will be discussed the first day of class. Prices range from \$40 to well over \$100. There is a 14 day free trial period if you don't currently have the funds. The course is based on the book: Basic College Math with Early Integers, Martin-Gay, 3rd edition.

RECOMMENDED CALCULATOR

A scientific calculator is strongly recommended and they cost less than \$20. If you are continuing your studies in math, you might want to consider purchasing a graphing calculator.

OBJECTIVES

Students will be able to:

1. perform operations with whole numbers
2. perform operations with integers
3. perform operations with fractions
4. perform operations with decimals
5. work with ratios, proportions and measurements
6. work with percents
7. understand some of the basic concepts of statistics and probability
8. understand the very basics of algebra (integrated throughout the course)
9. understand some of the basic concepts of geometry

ATTENDANCE POLICY

Attendance is important. If you are unable to make class, please e-mail me (in advance if possible). If you have excessive absences (based on my discretion), you will be withdrawn with a "Y".

Note: Coming in late or leaving early counts as an absence. Missing the first week, missing 4 classes, missing two exams, and missing a midterm are examples of what is considered excessive.

GRADING

PRE-TESTS 5%

There will be Chapter Pre-Tests to assess your understanding of the material. Try your best.

HOMEWORK 30%

Chapter Homework will be assigned via MML based on how well you do on the Chapter Pre-Test. The better you do on the Pre-Test, the less Chapter Homework will be assigned, and vice versa. It is **highly recommended** to **complete and understand** the Homework. **Don't rely on the help features** to get through the Homework.

POST-TESTS 45%

Chapter Post-Tests will be assigned via MML. Calculators should not be used until Chapter 5.

MIDTERMS 20%

Midterm #1 will cover Chapters 1-4 and will be on March 8th. A cheat sheet will be allowed. Midterm #2 will cover the remaining material and will be on Tuesday May 10th **1:00 – 2:50 p.m.** A cheat sheet and calculator will be allowed. The Midterms will be proctored and practice Midterms will be provided. There will be no make-up Midterms.

INDIVIDUAL PROBLEMS

To earn points, you must show the work. I cannot read your mind and can only grade your knowledge by what I see on paper. Show the set-up, work and units as appropriate. Box or circle your answers.

SEMESTER GRADE

The following scale can be used to determine your grade:

A = 90 – 100% B = 80 – 89% C = 70 – 79% D = 60 – 69% F = 0 – 59%

NOTE Your semester grade can only differ from your Midterm average by 1 letter grade regardless of your score in the class. For example, if you had a 90% (an A) in the class but your midterm average was 68% (a D), you would earn a C for your semester grade. This stipulation is to maintain the integrity of the course.

COMMUNICATION

I will be sending emails to your official school address and the address you enter in MML. Please check these regularly as you will be responsible for the content. If you don't want to check your school email address, then forward it to an address that you will check. Refer to <http://www2.gccaz.edu/technology-help/student-email> for further information.

NOTES and DISCUSSION ITEMS

1. Course content may vary from this outline to meet the needs of this particular group
2. Syllabus may be changed at any time at the discretion of the instructor with verbal notice
3. Withdrawals are not automatic – see instructor. You will be withdrawn with a “Y” (withdrawn failing which is counted as an “F” toward your GPA) after the deadline (March 7th – last day to withdraw without the instructor's signature) if you don't reach an agreement with the instructor
4. College Catalog and Student Handbook Policies
5. Food/Drink/Tobacco Policy
6. Grievance (i.e. complaining) Policy
7. Behavior Policy (respect, one person talking at a time, **cell phones quiet and away**, etc.). If you are disrupting the learning environment (based on my discretion), you may be asked to leave class and reported to the appropriate Dean.
8. Classroom Atmosphere Policy (engage, ask questions, share ideas, etc.). Be prepared for my sense of humor which includes math jokes and sarcasm.
9. Cheating and Plagiarism Policy (1st offense assessment failure, 2nd offense course failure)
10. Special Needs – if you have any special needs, please inform the instructor and contact DRS as soon as possible
11. Getting Help

OUTLINE

Tuesday	Thursday
1/19 Syllabus Review Introductions	1/21 Start Chap 1
1/26	1/28
2/2	2/4
2/9	2/11
2/16	2/18
2/23	2/25
3/1	3/3
3/8* Midterm #1 Good Luck!!!	3/10 Start Chap 5
3/15 No Class Spring Break	3/17 Happy St. Patrick's Day No Class Spring Break
3/22	3/24
3/29	3/31
4/5	4/7
4/12	4/14
4/19	4/21
4/26	4/28
5/3	5/5 Review – Study!!!
5/10* Midterm #2 11:00 a.m. – 12:50 p.m. Good Luck!!!	

* indicates planned test day

BRIAN BIRD'S SCHEDULE

Time	Monday	Tuesday	Wednesday	Thursday	Friday*	
7:00						
					GCC North Hiking Club and Dual Enrollment Evaluations	
7:30						
8:00						
8:30		MAT182 16030 A 105		MAT182 16030 A 105		
9:00						
9:30						
10:00	Office Hours* Building D Tutor Area	Office Hours* A 122	Office Hours* A 122	Office Hours* A 122		
10:30						
11:00						
11:30	MAT141 35218 A 105	MAT121 37406 A 101	MAT141 35218 A 105	MAT121 37406 A 101		
12:00						
12:30						
1:00						
1:30	MAT082 35140 A 107	MAT082 35141 A 101	MAT082 35140 A 107	MAT082 35141 A 101		
2:00						
2:30						
3:00						

* Additional Office Hours Available by Appointment