

**Miami Dade College – Homestead Campus**  
**MAT 0002 – College Preparatory Arithmetic (4 credits)**  
**MAT0002 , Ref # 440482**

**Day/Time:** **Lecture: Monday and Wednesday, 7:05 – 8:20 PM**  
**(1 hrs. 15 min.)**

**Instructor** **Mr EL Hassan Saadioui**  
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**Please email me with your current email address and updated contact information.**

**Course Description** This course introduces students to the basic topics of arithmetic and measurement of geometric figures. Students will add, subtract, multiply, and divide whole numbers, fractions and decimals. Students will solve problems involving proportions and percents.

Placement test scores or referral determine admission. This course does not satisfy college-level mathematics requirements for graduation.

**Textbook** **Basic College Mathematics**  
**Lial, Salzman and Hestwood, 7<sup>th</sup> Edition**

### Resources

#### **Supplementary Materials**

MYMATHLAB on-line software package sold separately or included with new textbook.

#### **Learning Support Lab and MYMATHLAB Requirement**

1. Visit the learning support lab in room D203, at least one hour per week.
2. Complete all "Tracked Tutorial Exercises" for each section covered in the syllabus using MyMathLab.

Support is provided by the Learning Support Lab (Room D-203) located in the Information Technology Center (2<sup>nd</sup> floor above library). A course web site provides videos, tracked tutorial exercises, and practice

### Class Procedures

#### **Attendance**

There will be a sign-in sheet for every class to verify attendance. Class participation counts as 5% of your grade; therefore, poor

attendance will be reflected in the final grade. **College policy dictates that any student that has three or more unexcused absences may be dropped from the course.**

## Review Sessions

Review sessions will be held on the class prior to the exams or on the day of the exam. It is critical to attend class during practice exams when scheduled.

## Grading Procedure

## Components

**80% Exams:** Which will cover one chapter each. Except for unusual circumstances, no make-up exams will be provided and a zero will be recorded for that particular test.

**5% Attendance:** a sign-in sheet will be available at the beginning of class to verify attendance. Each class counts for approximately 0.082% points towards your final grade (total of 31 of classes).

**15% Homework:** You must complete all tracked tutorial exercises using the MyMathLab software by the last day of regular class prior to the exit exam.

**Final Exit Test:** The Final Exit Exam is a comprehensive cumulative exam covering all topics discussed in this course. All students **MUST** take the exit test and score at least 60% to be eligible to pass the course.

## Final Course Grade

There are three possible course grades for this course: **S, P, or U.**

**S = Satisfactory:** Student can proceed to next math course with course average of at least 70% and final exit exam of at least 60%.

**P = Progress:** Student must repeat the course (GPA not affected) with course average < 70% or final exit exam < 60%

**U = Unsatisfactory:** Student must repeat the course (GPA affected) with course average < 70% or final exit exam < 60% and unsatisfactory behavior such as insufficient effort, poor attendance, missing tests, etc.

## Important Date

## Tentative Course Schedule

Class #	Date	Activity
1	W 8/29	Introduction
2	W 9/5	Learning Support Lab Orientation at 6:25 PM
3	M 9/10	Section 1.1, 1.2, 1.3
4	W 9/12	Section 1.4, 1.5, 1.6
5	M 9/17	Section 1.7 & 1.8
6	W 9/19	Section 1.9 & 1.10

<b>7</b>	<b>M 9/24</b>	<b>Chapter 1 Review &amp; Exam</b>
8	W 9/26	Section 2.1 & 2.2
9	M 10/1	Section 2.3 & 2.4
10	W 10/3	Section 2.5 & 2.6
11	M 10/8	Section 2.7 & 2.8
<b>12</b>	<b>W 10/10</b>	<b>Chapter 2 Review &amp; Exam</b>
13	M 10/15	Section 3.1 & 3.2
14	W 10/17	Section 3.3 & 3.4
15	M 10/22	Section 3.5 and Chapter 3 Review
<b>16</b>	<b>W 10/24</b>	<b>Chapter 3 Exam</b>
17	M 10/29	Sections 4.1 & 4.2
18	W 10/31	Sections 4.3 & 4.5
19	M 11/5	Sections 4.6 and Chapter 4 Review
<b>20</b>	<b>W 11/7</b>	<b>Chapter 4 Exam</b>
20	M 11/12	Sections 5.1 & 5.2
21	W 11/14	Sections 5.3 & 5.4
22	M 11/19	Sections 5.5 and Chapter 5 Review
<b>23</b>	<b>W 11/21</b>	<b>Chapter 5 Exam</b>
24	M 11/26	Sections 6.1 & 6.2
25	W 11/28	Sections 6.3 & 6.4
<b>26</b>	<b>M 12/3</b>	<b>Chapter 6 Review &amp; Exam</b>
27	W 12/5	Sections 8.1 & 8.3
28	M 12/10	Sections 8.4 & 8.5
29	W 12/12	Sections 8.6 and Chapter 8 Review
<b>30</b>	<b>M 12/17</b>	<b>Chapter 8 Exam</b>
<b>31</b>	<b>W 12/19</b>	<b>EXIT EXAM</b>