DMAT 0305 COURSE SYLLABUS
DEVELOPMENTAL MATHEMATICS
BROOKHAVEN COLLEGE
MATH/SCIENCE DIVISION

TEXT: Prealgebra & Introductory Algebra 5th edition MyMathLab Access Code (no physical text)
AUTHOR: Martin-Gay ISBN: 0135115809

This course will run using interactive software called MyMathLab. MyMathLab is online, textbook-based software where you will complete quizzes, homework and access your e-book. Students must have access to a computer with Internet to complete the required work for this course. Standard plug-ins are needed to access this tool. The web address for MyMathLab is http://www.pearsonmylabandmastering.com.

To enroll into your MyMathLab course you will need a course ID which will be given to you by your instructor. Instructions can be found in your eCampus course. You can request temporary access but will only have access from the first day of the semester through day 14. After this point, you must enter a valid MyMathLab student access code. If the access code is not entered by that day, access to homework, quizzes and unit reviews will be suspended.

CATALOG DESCRIPTION: Prerequisite: An appropriate assessment test score.
The course supports students in developing skills, strategies, and reasoning needed to succeed in mathematics, including communication and appropriate use of technology. Topics include the study of numeracy and the real number system; algebraic concepts, notation, and reasoning; quantitative relationships; mathematical models; and problem solving. (3Lec.)

STUDENT LEARNING OUTCOMES:

1. Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.
2. Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.
3. Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.
4. Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.
5. Use graphs, tables, and technology to analyze, interpret, and compare data sets.
6. Construct and use mathematical models in verbal, algebraic, graphical, and tabular form to solve problems from a variety of contexts and to make predictions and decisions.

CHAPTERS/UNITS COVERED:

Chapter 2: Integers and Introduction to Solving Equations (2.1-2.6)
Chapter 3: Solving Equations and Problem Solving (3.1-3.4)
Chapter 4: Fractions and Mixed Numbers (4.8)
Chapter 9: Equations, Inequalities, and Problem Solving (9.3 and 9.5)
Chapter 10: Exponents and Polynomials (10.1-10.7)
Chapter 11: Factoring Polynomials (11.1-11.2 and 11.4-11.7)
Chapter 13: Graphing Equations and Inequalities (13.1-13.5)
Chapter 14: Systems of Equations (14.1-14.4)

Revised FALL 2019
This class is an 8-week INET course that begins on 8/26/2019 and ends 10/16/2019. For special help students are encouraged to go to the Hub located in S251. Hub hours are posted on the door of S251. The Hub has free tutoring and computers available to help you with your course work.

**EVALUATION PROCEDURES**

<table>
<thead>
<tr>
<th>Component</th>
<th>Possible Points</th>
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<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>40%</td>
</tr>
<tr>
<td>Exam #1: Chp 2, 3, 4.8, &amp; 9</td>
<td>15%</td>
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<tr>
<td>Exam #2: Chp 10 &amp; 11</td>
<td>15%</td>
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<tr>
<td>Exam #3: Comprehensive</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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No make-up tests or quizzes will be given, and there will be no extensions of deadlines unless arrangements are made prior to the test deadline.

The scale used to determine the final course grade is:
- 90 to 100    A
- 80 to 89     B
- 70 to 79     C
- 0 to 69      F

Calculators are allowed in this course. A calculator that can compute signed numbers is recommended. The TI-89, TI-92 or TI-Nspire graphing calculators are not allowed on any test.

Incomplete grades are given when an unforeseen emergency prevents a student from completing the work in a course. The division dean must approve all “I” grades.

**INSTITUTIONAL POLICIES**

Institutional Policies of Brookhaven College may be found at the following link:

[https://www.Brookhavencollege.edu/syllabusaddendum](https://www.Brookhavencollege.edu/syllabusaddendum)

The institutional policies covered are, but not limited to:
- Drop/Withdrawal Policy
- Six Drop Rule (Stop Before You Drop)
- Repeating this Course
- Financial Aid Statement
- Financial Aid Certification of Attendance
- International Students
- Religious Holidays
- ADA Statement
- Academic Integrity
- Grade Reports
- Family Educational Rights and Privacy Act (FERPA)
- Institutional Equity
- Instructors Right to Modify

Revised FALL 2019
**Fall Academic Semester, 2019**

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
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<tbody>
<tr>
<td>Register MML Account</td>
<td>2.1</td>
<td>2.2</td>
<td>2.3-2.4</td>
<td>Official Roll</td>
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**September 1, 2019**
- September 2, 2019
  - Quiz #1 Due
- September 3, 2019
- September 4, 2019
- September 5, 2019
- September 6, 2019
- September 7, 2019

**September 8, 2019**
- September 9, 2019
- September 10, 2019
- September 11, 2019
- September 12, 2019
- September 13, 2019
- September 14, 2019

**Quiz #2 Due**
- 4.8 & 9.3
- 9.5 & 10.1
- 10.2-10.3

**September 15, 2019**
- September 16, 2019
- September 17, 2019
- September 18, 2019
- September 19, 2019
- September 20, 2019
- September 21, 2019

**Quiz #3 & #4 Due**
- 10.4-10.5
- 10.6
- 10.7

**September 22, 2019**
- September 23, 2019
- September 24, 2019
- September 25, 2019
- September 26, 2019
- September 27, 2019
- September 28, 2019

**Quiz #5 & #6 Due**
- 11.1
- 11.2
- 11.4
- 11.5
- Midterm Exam Due!
  - Chp 2, 3, 9, & 10

**September 29, 2019**
- September 30, 2019
- October 1, 2019
- October 2, 2019
- October 3, 2019
- October 4, 2019
- October 5, 2019

**Quiz #7 Due**
- 11.6
- 11.7
- 13.1-13.2
  - Drop with 'W'

**October 6, 2019**
- October 7, 2019
- October 8, 2019
- October 9, 2019
- October 10, 2019
- October 11, 2019
- October 12, 2019

**Quiz #8 Due**
- 13.3-13.4
- 13.5
- 14.1-14.2

**October 13, 2019**
- October 14, 2019
- October 15, 2019
- October 16, 2019
- October 17, 2019
- October 18, 2019
- October 19, 2019

**Quiz #9 & #10 Due**
- 14.3
- 14.4
  - Quiz #11 & #12 Due
  - Final Exam Due!

*This withdrawal date applies only to 16-week courses that begin on the first day of the semester. Classes that begin on different dates may have different deadlines to withdraw. Students should check "My Class Schedule" in eConnect to determine the last date to withdraw for each of their classes.

**A student is responsible for withdrawing from a course. Please talk to your Instructor, Advisor, Veteran’s Affairs Official and Financial Aid Official, as appropriate, before making the decision to withdraw from any course.*