MATH 1332 (Corequisite) Syllabus
(Linked to DMAT 0317)
Eastfield College

Instructor Information
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Texting through Remind App: Send Text to #: 81010  Text this message: @2020sp0
Once you join you do not need to enter this information anymore.

Course Information
Course Title: Contemporary Mathematics (Quantitative Reasoning)
Course Number: Math1332 / DMAT 0317
Section Number: 40411 / 40411
Semester/Year: Spring 2020
Credit Hours: 3
Class Meeting Time/Location: Online
Certification Date: DMAT 0317 – Friday, 4/03/20 and MATH 1332 – Friday, 4/03/20
Last Day to Withdraw: DMAT 0317 – Monday, 5/04/20 and MATH 1332 – Monday, 5/04/20 (If you drop from DMAT 0317, you will also be dropped from MATH 1332).

Course Prerequisites
This is a corequisite course and requires continuous concurrent enrollment with DMAT 0317.
Course Description
Intended for Non STEM (Science, Technology, Engineering, and Mathematics) majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course. Additional topics may be covered.

Student Learning Outcomes
Upon successful completion of this course, students will:
1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.
4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

Texas Core Objectives
The College defines essential knowledge and skills that students need to develop during their college experience. These general education competencies parallel the Texas Core Objectives for Student Learning. In this course, the activities you engage in will give you the opportunity to practice two or more of the following core competencies:
1. Critical Thinking Skills - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. Communication Skills - to include effective development, interpretation, and expression of ideas through written, oral, and visual communication
3. Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
4. Teamwork - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
5. Personal Responsibility - to include the ability to connect choices, actions, and consequences to ethical decision-making
6. Social Responsibility - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
Required Course Materials


2. **REQUIRED:** *MyMathLab* ISBN: 9780134683713 (MML access code ONLY)
   Even if you use the 14 days temporary access given by MML, you are still required to purchase the code.

3. Microsoft Windows 7 and 8 users should use one of the following browsers with MyMathLab courses – Chrome, Firefox or Internet Explorer 9 and 10. Click [here](#) for other system requirements.

4. **Calculators:** Calculators are allowed in this course for certain activities. A calculator that can signed numbers is recommended. The TI-89, TI-92 or TI-Nspire graphing calculators are NOT allowed on any test.

Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

CoRequisite Grading

This course has two grades, one for DMAT 0317 and one for MATH 1332. The grade for DMAT 0317, will be calculated using the averages of Modules 1, 2 and 3 assignments and tests, as well as the Partial 1 and discussions activities (Welcome and Discussion 1). The grade for MATH 1332, will be calculated using all the averages for all the assignments given in the course.

My Math Lab Categories and Weights

My Math Lab has 4 categories, *Homework* (everything labeled HW as well as the videos are included in this category), *Tests* (Pre-tests and Module Tests as well as the corresponding reviews are included in this category), *Quizzes* (This category is only used for the Midterm and Final Exam review and tests) and *Discussion Activities* (All discussion activities are included in this category).

All test reviews are mandatory to complete prior to taking any given test, but they do not count towards your average. Videos are assigned but they are not mandatory or neither they count towards your average.

If you have any questions regarding the grading, contact your instructor for further clarification.
Graded Work
The tables below provide a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

Summary of Graded Work

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Weight</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>MML Homework</td>
<td>20%</td>
<td>20%</td>
</tr>
<tr>
<td>Tests</td>
<td>10 @ 2% each</td>
<td>20%</td>
</tr>
<tr>
<td>Discussion Activities</td>
<td>4 @ 2.5%</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
<td>25%</td>
</tr>
</tbody>
</table>

TOTAL: 100%

Final Grade

<table>
<thead>
<tr>
<th>Percentages</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

Certification Procedures
To be certified as attending this course, you must complete the “Welcome” Discussion Board and Orientation assignments in My Math Lab by the deadline posted.

Discussion Board Activities Policies
One of the most important aspects of this course is the interaction between you and your fellow learners. There is a discussion board activity per every module in the course that you are required to complete for participation and group interaction purposes. These postings need to be completed on or before the due date to get full credit. All discussion board activities are due before midnight (11:59 PM) by the deadline posted in My Math Lab. The due dates are located in the course calendar and in My Math Lab. Please make certain that your posts are well-written, grammatically correct, and informative. Always make sure you have completed all the objectives posted in each discussion board activity.
Midterm and Final Exam Policies

- The midterm and final exam are password protected and you will only get the password once you are login into Zoom and sharing your screen with the instructor.
- Only have ONE chance of taking the Midterm and Final Exam; no make-ups will be allowed.
- Prerequisite for Midterm – Complete all assignments, discussions, and modular tests for Modules 1 and 2. Also complete the Midterm Exam Review.
- Prerequisite for Final – Complete all modules assignments, discussions and modular tests. Have taken Midterm Exam.
- Both exams are timed, and you have 120 minutes to complete each test.
- Both exams have blocked views of any other website or student aids, if students try to access anything outside the exam view, the exam will be blocked and the student cannot continue testing.

Attendance Policy

Classroom attendance is not required for this course; however, students are required to remain actively engaged with course curriculum.

- Any student that has not registered on MyMathLab and completed the orientation assignment by the DUE DATE will NOT be certified as having attended and consequently may be dropped from the class.
- All students need to complete all discussion board activities to be counted as active students in the course.

If you are unable to complete a course (or courses) in which you are enrolled, it is your responsibility to withdraw from the course by the appropriate date. If you do not withdraw, you will receive a performance grade, usually a grade of "F". (2014-2015, Eastfield College, Dallas County Community Colleges Catalog)

Attendance and Your Final Grade

You are expected to regularly attend all classes in which you are enrolled. Students have the responsibility to attend class and to consult with the instructor when an absence occurs.

Late Work Policy

Late work will not be accepted.

Standard of Conduct/Classroom Etiquette

No food, drinks or tabacco products are allowed in Eastfield College classrooms. However, if your class is in a non-lab classroom, your instructor may allow food or drink.
Additional Resources
Tutoring Services (https://www.eastfieldcollege.edu/services/academic-support/tutoring/pages/default.aspx) are provided for Mathematics and Developmental Mathematics in the Eastfield library, Building L, Room 200. Students are encouraged to take advantage of this service for additional help in their course work. Visit the link above or call 972-860-7174 for more information on tutors, hours of operation and policies.

Institutional Policies
Institutional Policies relating to this course can be accessed using the link below. These policies include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

Eastfield Institutional Policies (http://www.eastfieldcollege.edu/syllabipolicies)

Instructional Components
This course is divided into modules. The components of each module are described below.

Step 1: Video – Watch the video of each section of the chapter
- Must be accessed before each homework assignment
- Grade omitted from course average
- Can be accessed after due date

Step 2: Homework – Each section contains between 20-35 problems
- Problem can be repeated until mastered – select “Similar Exercise” after each 3rd incorrect attempt
- All “Help” buttons available
- Needs to be completed prior to 11:59 PM on the due date
- Can be accessed after due date
- Late problems penalized 10%
- Must be in “Homework,” not “Review” mode to save progress
- Problems saved individually

Step 3: Test Review – Helps prepare students for the chapter test
- Must be accessed before proceeding to the chapter test
- Score omitted from student grades
- Can be accessed after due date

Step 4: Chapter Test – Assesses student understanding of the chapter
- Each test contains between 20-33 problems
- No “Help” buttons available
- Needs to be completed prior to 11:59 PM on the due date
- Can only be taken 3 times, the highest score is recorded
- Can be accessed after due date with authorization of instructor only
- Late tests are penalized by 10%
- Can be viewed through the Gradebook after due date

Step 5: Discussion Board Activity – Help increase student to student interaction
- Each activity is described in detail under the Discussion Board Tab
Students are encouraged to review the grading rubric prior to posting.

Needs to be completed prior to 11:59 PM on the due date.

Instructor grades each posting manually and post grades on the Gradebook.

All discussion activities count for 10% of your total course average.

**NOTE:** Allow time for computer/internet problems -- do not wait until the last minute to submit work. This is an online class. You are expected to have a computer and internet access available to you. There are computers on campus but they are only open when the College is open and only during their hours posted on the door. The website being down or your computer or internet access not working at the last minute is something you should expect. No extensions are given for any reason.

### Course Content

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Sections</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ch. 1</td>
<td>1.1 – 1.3 (All Sections)</td>
<td>Problem Solving and Critical Thinking</td>
</tr>
<tr>
<td>Ch. 2</td>
<td>2.1 – 2.5 (All Sections)</td>
<td>Set Theory</td>
</tr>
<tr>
<td>Ch. 3</td>
<td>3.1 – 3.7</td>
<td>Logic</td>
</tr>
<tr>
<td>Ch. 5</td>
<td>5.1 – 5.6</td>
<td>Number Theory and the Real Number System</td>
</tr>
<tr>
<td>Ch. 8</td>
<td>8.1 – 8.8 (Not including 8.5)</td>
<td>Consumer Mathematics and Financial</td>
</tr>
<tr>
<td>Ch. 12</td>
<td>12.1, 12.2</td>
<td>Statistics</td>
</tr>
</tbody>
</table>

### Course Schedule

This calendar provides you with provisional due dates so you will be able to complete the whole course during this short semester. If you have any questions, please contact your instructor. All official due dates are posted in My Math Lab (MML).

<table>
<thead>
<tr>
<th>Week</th>
<th>Assignments</th>
<th>Due Date</th>
</tr>
</thead>
</table>
| 1    | **Welcome and Orientation Assignments**
VIDEO – Skill Check – Chapter 1
PRE-TEST – Skill Check – Chapter 1
HW – Skill Check – Chapter 1

VIDEO - HW – Section 1.1
VIDEO - HW – Section 1.2
VIDEO - HW – Section 1.3 |
|      | Wednesday 4/01/20                                                            | Saturday 4/04/20 |
| 2    | **VIDEO – Skill Check – Chapter 12**
PRE-TEST – Skill Check – Chapter 12
HW – Skill Check – Chapter 12

VIDEO - HW – Section 12.1
VIDEO - HW – Section 12.2
Review & Test Chapters 1 & 12 |
|      | Monday 4/06/20                                                               | Wednesday 4/08/20 |
|      | **VIDEO – Skill Check – Chapter 5**
PRE-TEST – Skill Check – Chapter 5
HW – Skill Check – Chapter 5 |
<p>|      | Saturday 4/11/20                                                             |             |</p>
<table>
<thead>
<tr>
<th>Week</th>
<th>Assignments</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>VIDEO - HW – Section 5.1&lt;br&gt;VIDEO - HW – Section 5.2&lt;br&gt;VIDEO - HW – Section 5.3&lt;br&gt;VIDEO - HW – Section 5.4</td>
<td>Monday 4/13/20</td>
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<tr>
<td></td>
<td>VIDEO - HW – Section 5.5&lt;br&gt;VIDEO - HW – Section 5.6&lt;br&gt;<strong>Review &amp; Test Chapter 5</strong></td>
<td>Wednesday 4/15/20</td>
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<tr>
<td></td>
<td>Midterm Exam Review</td>
<td>Friday 4/17/20</td>
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<td></td>
<td><strong>MIDTERM EXAM (Proctored)</strong></td>
<td>Saturday 4/18/20</td>
</tr>
<tr>
<td>4</td>
<td>VIDEO – Skill Check – Chapter 2&lt;br&gt;&lt;strong&gt;PRE-TEST – Skill Check – Chapter 2&lt;/strong&gt;&lt;br&gt;HW – Skill Check – Chapter 2</td>
<td>Monday 4/20/20</td>
</tr>
<tr>
<td></td>
<td>VIDEO - HW – Section 2.1&lt;br&gt;VIDEO - HW – Section 2.2&lt;br&gt;VIDEO - HW – Section 2.3</td>
<td>Wednesday 4/22/20</td>
</tr>
<tr>
<td></td>
<td>VIDEO - HW – Section 2.4&lt;br&gt;VIDEO - HW – Section 2.5&lt;br&gt;<strong>Review &amp; Test Chapter 2</strong>&lt;br&gt;Discussion Activity 1 - DUE</td>
<td>Saturday 4/25/20</td>
</tr>
<tr>
<td>5</td>
<td>VIDEO - HW – Section 3.1&lt;br&gt;VIDEO - HW – Section 3.2&lt;br&gt;VIDEO - HW – Section 3.3&lt;br&gt;VIDEO - HW – Section 3.4</td>
<td>Monday 4/27/20</td>
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<tr>
<td></td>
<td>VIDEO - HW – Section 3.5&lt;br&gt;VIDEO - HW – Section 3.6&lt;br&gt;VIDEO - HW – Section 3.7</td>
<td>Wednesday 4/29/20</td>
</tr>
<tr>
<td></td>
<td><strong>Review &amp; Test Chapter 3</strong></td>
<td>Saturday 5/1/20</td>
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<tr>
<td>6</td>
<td>VIDEO – Skill Check – Chapter 8&lt;br&gt;&lt;strong&gt;PRE-TEST – Skill Check – Chapter 8&lt;/strong&gt;&lt;br&gt;HW – Skill Check – Chapter 8</td>
<td>Monday 5/4/20</td>
</tr>
<tr>
<td></td>
<td>VIDEO - HW – Section 8.1&lt;br&gt;VIDEO - HW – Section 8.2&lt;br&gt;VIDEO - HW – Section 8.3&lt;br&gt;VIDEO - HW – Section 8.4</td>
<td>Wednesday 5/6/20</td>
</tr>
<tr>
<td></td>
<td>VIDEO - HW – Section 8.6&lt;br&gt;VIDEO - HW – Section 8.7&lt;br&gt;VIDEO - HW – Section 8.8</td>
<td>Saturday 5/9/20</td>
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<tr>
<td>7</td>
<td><strong>Review &amp; Test Chapter 8</strong>&lt;br&gt;Discussion Activity 2 - DUE</td>
<td>Monday 5/11/20</td>
</tr>
<tr>
<td></td>
<td>Final Exam Review</td>
<td>Tuesday 5/12/20</td>
</tr>
<tr>
<td></td>
<td><strong>FINAL EXAM (Proctored)</strong></td>
<td>Wednesday 5/13/20</td>
</tr>
</tbody>
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Revised 3/28/20