

**South Plains College**  
**Common Course Syllabi: MATH 0332/MATH 1332**  
**Revised July 2023**

**Department:** Mathematics, Engineering, and Computer Science

**Discipline:** Mathematics

**Course Numbers:** MATH 0332 & MATH 1332

**Course Titles:** Contemporary Mathematics Support Course (MATH 0332) & Contemporary Mathematics (MATH 1332)

**Available Formats:** conventional, hybrid, and internet

**Campuses:** Levelland, Downtown Center, Plainview Center, Lubbock Center, and Dual Credit

**Course Descriptions:** MATH 0332 is to be taken concurrently with MATH 1332. Background topics which are necessary for a student to successfully complete MATH 1332 will be covered, with an emphasis on integers, percentages, graphing, fractions, exponents, radicals, statistics, and geometry. MATH 1332 is 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.

**Prerequisite:** Maximum score of 349 on the TSIA1 without an ABE score, minimum diagnostic score of 3 on the TSIA2, or a successful completion of NCBM 0105.

**Credits for each course:** 3 **Lecture:** 3 **Lab:** 0

**Textbook:** *Thinking Mathematically*, Blitzer, 2022, 8<sup>th</sup> Edition, Pearson

**Supplies:** Please see the instructor's course information sheet for specific supplies.

**This pair of courses partially satisfies a Core Curriculum Requirement:** Mathematics Foundational Component Area (020)

**Core Curriculum Objectives addressed:**

- **Communications skills**—to include effective written, oral and visual communication
- **Critical thinking skills**—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Empirical and quantitative competency skills**—to manipulate and analyze numerical data or observable facts resulting in informed conclusions

**Student Learning Outcomes:** Upon completion of this course and receiving a passing grade, the student will be able to:

1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.

3. Solve problems in mathematics of finance.
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.

**Student Learning Outcomes Assessment:** A pre- and post-test questions will be used to determine the extent of improvement that the students have gained during the semester

**Course Evaluation:** There will be departmental final exam questions given by all instructors.

**Attendance/ Student Engagement Policy:** Attendance and engagement are the most critical activities for success in this course. The instructor maintains records of the student's attendance and submission of assignments throughout the semester. The student is expected to attend at least eighty percent (80%) of the **total** class meetings **and** submit at least eighty percent (80%) of the **total** class assignments to have the best chance of success. **For the purposes of this class, you are allowed to miss 15 assignments.** If the student fails to meet these minimum requirements, the instructor may remove the student from the class with an X, upon their discretion, to help the student from harming their GPA. If the student can not receive an X, the instructor will assign an F.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.
10. Providing a test or test answers to another student.
11. Failing to secure your work and allowing another student to access your test or test answers, whether knowingly or not.

**Penalties for academic integrity violations will range from a 50% to a 100% grade reduction, depending on the severity of the infraction.**

**Student Code of Conduct Policy:** Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit <https://www.southplainscollege.edu/syllabusstatements/>

South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: <https://www.southplainscollege.edu/emergency/covid19-faq.php>.

**SPC Bookstore Price Match Guarantee Policy:** If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by Amazon*, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases. Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.



## Course Information Sheet – MATH 0332/1332.C603 – Fall 2024

**Instructor:** Denise Johansen

**Office:** LBK Downtown B020; (806)716-4632

**Cell/Text:** (513)227-0095

**Email:** djohansen@southplainscollege.edu

**Time/Place:** Mondays AND Wednesdays, 11am-12:15pm/Lubbock Downtown Center B003

**Lubbock Downtown Center Office Hours (in B020):** MW 2:30pm-3:30pm, T/Th 11am-12pm and 2:30pm-3:30pm, F 9am-11am.

**Virtual Office Hours:** Schedule Zoom meetings using <https://go.oncehub.com/djohansen>

**Physical Textbook (Optional):** *Thinking Mathematically*, Blitzer, 2022, 8<sup>th</sup> Edition, Pearson.

### Supplies (Required):

- Calculator: A non-graphing scientific calculator (such as a TI-30) that is NOT your phone will be allowed on most activities.
- MyMathLab: The cost of this has been added to the regular tuition and fees for the class through the TexBook program. More information on this can be found below. MyMathLab includes access to the electronic version of your textbook and most of your assignments.

### TexBook Syllabus Statement

This course is part of your TexBook program, which means you don't need to purchase a textbook or access code for this course. TexBook is the required content (either an eBook or online Courseware) for your course, and is provided for you via the Bibliu platform from Day 1 of class.

- Cost of TexBook: this required content is provided as part of a Program called 'Inclusive Access', which means that content is provided for you at the lowest price available from the publisher. The cost for this is included in your tuition.
- How to access your digital content via Bibliu: you can access your material via the Bibliu link inside your Blackboard Course, or directly via the Bibliu app. If you have issues with this, please contact your professor, the Bookstore Manager or Bibliu Support (see below).
- The Bibliu platform: you can use the Bibliu platform to enhance your learning experience, with features including: highlighting, notes and reading text aloud. For more details and support on how to use Bibliu, please visit the [BibliU support pages](#), or contact Bibliu support via the email: [support@bibliu.com](mailto:support@bibliu.com)
- Opting out: you can Opt-Out of the TexBook Program, up until the Opt-Out deadline, via the banner displayed when you open the Bibliu platform. Remember that Opt-Out deadlines vary by term, and if you choose to Opt-Out you will lose access to this low price

option, and will need to purchase the content through a different method. If you opt-Out, the fee will be refunded to your account.

Useful contacts:

1. Bookstore Manager: Christian Bruno - [christian.bruno@bibliu.com](mailto:christian.bruno@bibliu.com)
2. Bookstore Text Coordinator: Trish Wells - [patricia.wells@bibliu.com](mailto:patricia.wells@bibliu.com) (Phone: 806-716-2097)
3. Bibliu Support: email [support@bibliu.com](mailto:support@bibliu.com)

### Technology Required:

Working, reliable internet access

Access to your SPC email.

Access to our Blackboard class. Login at <http://southplainscollege.blackboard.com>

MyMathLab website. Login through Blackboard.

Gradescope.com website. Login through Blackboard.

Computer, laptop, tablet, or phone for accessing and completing assignments.

**Course Delivery:** This course is a **HYBRID face-to-face, lecture-based** course with online homework and discussions and in-person meetings and exams. This means you are attending half of your class hours in person and half of your class time is spent online. I will be covering course material during class on Mondays and Wednesdays, but you are responsible for learning course material on your own on Tuesdays and Thursdays. Also, you will understand more if you will read the text and watch the section videos **before** you come to class. You can find links for these in the Hwk assignments in MyMathLab. Also during class, you will have the opportunity to ask questions, we will have class discussions, and there will be short in-class labs to practice the topics. I use email, MyMathLab, Blackboard, Zoom, and Gradescope.com to deliver and manage this course.

**Course Requirements:** To maximize the potential to complete this course, a student should expect to spend 20-30 hours per week for the 15 weeks of our semester doing the following:

- Attend all class meetings and be prepared to ask your questions and take notes
- Login to Blackboard at least 5 days a week, use the Course Materials link in Blackboard to launch MML to read the required textbook sections, watch the required lecture videos and take notes, thoroughly complete all homework assignments, and prepare well for examinations.
- Participate in a Blackboard discussion board to be completed each week.
- The five written exams will be taken in class, and the Final Exam will be taken according to the SPC Final Exam Schedule.
- Additionally, students are expected to check their SPC school email **daily** and respond to email communications promptly. **If you don't normally check your SPC email, make sure to set up your SPC account to forward mail to an account you do check.**

**Contacting Your Instructor:** I am available by phone or face-to-face visit in my office on the Lubbock Downtown Center campus during my posted office hours; you can email me or text my cell at any time. I also hold virtual office hours using Zoom (schedule time with me at <https://go.oncehub.com/djohansen>). I can also be reached by phone using my

office number (806-716-4632) or cellphone number (513-227-0095). If you have to leave a message, my response time is 1 business day or less.

**Learning Materials/Activities:** To be successful in this course, you will use the following materials and complete the given activities for each section of the textbook that we will cover.

- Homework assignment (in MyMathLab) –
  - Textbook reading – Link to the section in your eText will be in the Hwk assignment. Read the section in your textbook, whether you use a physical book or the eText inside MyMathLab. As you read, you should write notes on any new vocabulary words (usually in boldface type), formulas, theorems, and calculator commands. The reading may be your first introduction to the concepts.
  - Section videos – Links to section videos will be in the Hwk assignment. As you view the video, you should add any new information to your textbook notes and copy into your notes any examples worked for you in the video, just as if you were sitting in class with that instructor.
  - Homework questions may be multiple choice or fill-in-the-blank, but are primarily open-ended questions for problems that you work out. The questions generally give you 3 chances to get the question right before marking the problem wrong. You will then have access to a Similar Question button that will give you a new question and 3 more chances to get the question right. You have unlimited attempts on homework questions, so if you are persistent, do your work on time, and learn from your mistakes, you can earn 100% on all homework assignments. Also, every homework question has Question Helps available at the bottom of the homework question. The Help Me Solve This button in the bottom left corner will walk you through a solution. Other helps may show you a similar example, link to the textbook section, and sometimes links to a video example. Under Get More Help, there is usually a button to Ask My Instructor which sends me an email with your question. The purpose of homework is to practice, practice, practice! This is where you actually are learning the concepts, not just watching someone else work problems. **If you have to use the Question Help to work a problem, be sure to use the Similar Question button to work it again (and again!) until you can do the problems on your own.**
- In-Class activities – On most days that we meet for class, we will take time to practice what you've learned and/or to apply the concepts to lab exercises.
- Discussion board assignment – These are weekly Blackboard assignments for you to get to know other students in the class, look for uses of mathematics in the real world, discuss strategies for solving problems, and generally get help from me and each other. For each discussion, you have to make your post before you can read the other students' posts. Your initial post is due by 11:59pm on Wednesdays, and your responses to classmates are due by 11:59pm on Sundays.

### Course Evaluation:

- There will be in-class assignments collected most days. Because these activities are done in-class, there are generally no makeups if you are absent. The only makeups allowed will be for absences that are qualified by DeEtte Edens with SPC's Health Services. The lowest 2 in-class grades will be dropped, and the remaining average will be worth 10% of your grade.



- Daily online homework assignments will be due weekly, usually at 11:59pm on Sundays. The homework average is worth 15% of your grade, and the lowest 3 homework grades will be dropped.
- There will be 9 online Quizzes (1 per “chapter” we cover) posted in MyMathLab under the Assignments button. You may prepare ONE 3”x5” handwritten notecard for your reference for each quiz, but other than that notecard and your calculator, each quiz is to be **completed on your own and without references**—no using your text, no Google, no Phone a Friend. **These are NOT open book quizzes.** The purpose of each quiz is to help you review the chapter and start to see the “bigger picture”, rather than just one section at a time. Quizzes are TIMED and help get you ready for the Exams. You have two attempts on each quiz (I HIGHLY recommend taking your first attempt early enough that you have time to review your errors before taking the quiz again), and only the highest of your two attempts will count in your average. The Quiz Average is worth 10% of your grade, and the lowest quiz grade will be dropped.
- There will be 15 required Discussion boards posted on Blackboard during the term, worth a total of 5% of your grade, and the lowest two discussion grades will be dropped.
- There will be 5 in-class exams, and the 4 highest are each worth 10% of your grade. For each of these exams, you are allowed ONE 3”x5” handwritten, front and back, notecard. If one exam is missed for a legitimate reason, the Final Exam grade will be substituted for the missed exam. All exams will be taken in person during our normal class time and will be timed at 75 minutes. There are NO makeup exams or retakes given for any reason. A second missed exam will receive a 0. It is still your responsibility to contact me **in advance** to let me know if you are going to miss an exam, and we can discuss alternative proctored testing for you.
- There will be 1 cumulative final exam on **Monday, December 9<sup>th</sup> from 10:15am-12:15pm**, worth 20% of your grade. You are allowed a two-sided Formula Page and your calculator on this exam.
- **Due dates:** Your initial posts on the required discussions are due on Wednesdays by 11:59pm, and your follow-up posts are due on Sundays by 11:59pm. MyMathLab assignments for the following week will be released at 5pm on Fridays and usually due by 11:59pm on Sundays after the material is covered in class. Dates for the exams are listed in the Course Outline/Calendar section of the Syllabus.
- **Late work:** Late work on Homework and Quizzes will be accepted in MyMathLab with a 20% late deduction. This means that if an assignment has 10 questions, and you get 9 of them correct and on time, you earned a 90% on the assignment. If you get the same 9 of them correct, but even one day late, you have earned 80% of 90%, which is only 72%. PLEASE do your assignments on time; don’t shoot yourself in the foot! Blackboard discussions will also be accepted with a 20% late deduction. .
  - **No extensions will be given for any coursework.** The exception to this policy is if you are severely ill and/or hospitalized. If this is the case, you must contact DeEtte Edens at [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu) or at (806) 716-2376 and submit the required medical documentation to her. She will notify the instructor, if the illness warrants an extension.
  - **No assignments will be accepted after a hard deadline of 10am on Monday, December 9<sup>th</sup>.**
- **Final letter grades:** For the MATH 0332 support course, you will receive a pass or fail (P/F) grade. Because the goal of this course is to pass the college-level course, you will get will get a P in MATH 0332 if you finish the semester with a passing overall average.

Ending the semester with an average below 65 will earn you an F for both courses. If you decide to drop the course, you will drop both MATH 0332 and MATH 1332.

### Grading Policy:

|                   |     |
|-------------------|-----|
| Homework average  | 15% |
| In-Class average  | 10% |
| Discussion boards | 5%  |
| Quiz average      | 10% |
| Exams (4*10%)     | 40% |
| Final exam        | 20% |

### Letter Grades for MATH 1332:

|             |   |
|-------------|---|
| 90% - 100%  | A |
| 80% - 89%   | B |
| 70% - 79%   | C |
| 65% - 69%   | D |
| 64% & below | F |

### How your work is graded:

- MyMathLab grades online assignments as a percentage based on how many parts of a question were answered correctly, and these grades are immediately included in your MML Gradebook.
  - To access the MML Gradebook, login to Blackboard, click on the Course Content button, click on the Course Materials link, click on Launch Courseware, click on the MyLab and Mastering Course Home link, then click on the Gradebook button.
  - MML Gradebook items should sync with the Blackboard Gradebook every hour.
- For the Discussion Boards, your original post is generally worth 3 points, and your meaningful responses to 2 classmates are worth 2 points. Any exception to this will be explained in the instructions for that discussion.
- For the Exams that I grade, I give a percentage of points based on how many parts of the question were answered correctly.
  - You will take your paper and pencil exams with me, and I will scan the exams and upload the scans to Gradescope. I will grade exams and “publish” grades in Gradescope; Gradescope will update your Bb Gradebook and current class average to include those scores.

### Response times for grading:

- In-class activities – Graded by me and usually returned to you at the next class meeting.
- Homework - Graded immediately by MyMathLab, reviewed by me within 1 business day if you contact me with a specific question/issue.
- Quiz - Graded immediately by MyMathLab, reviewed by me within 1 business day if you contact me with a specific question/issue.
- Discussion – Graded by me within one week of due date.
- Exams - Graded by me and returned to you within one week, with feedback available on Gradescope. Exception: the final exam is not returned to you, but you can come by the office to see it after grading.

**Reviewing Grades on Blackboard:** After you complete MML assignments or I grade your other assignments and exams, you should be able to log into Blackboard to see your grade in the Gradebook tab.

**Reviewing Grades on Gradescope:** After I grade your exams, you should be able to log into Blackboard to see your grade and my comments. Click on the Gradescope link in the Start Here folder or the Week 0 folder on Blackboard to get to your graded exams.

**Last day to drop is Wednesday, December 4<sup>th</sup>.**



**SPC School Holidays:**

Monday, 9/2, Labor Day Holiday

Friday, 10/18, Fall Break

Wednesday-Friday, 11/27-11/30, Thanksgiving Holidays

**Cellphones:** To limit disruptions to the class and distractions to yourself, please put your cellphone on silent mode or airplane mode. If you feel a call is an emergency that you must answer, please take the phone out in the hall before answering to minimize the disruption to the class. If you feel you must leave class, please do so as quietly as possible.

**Daily Health Screening:** It is critical that you honestly self-screen and STAY HOME if you are experiencing any of the following: fever, cough, chills, muscle pain, shortness of breath or difficulty breathing, new loss of taste or smell, or a sore throat. Contact DeEtte Edens at [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu) or at (806) 716-2376 and submit the required medical documentation to her if you are having any health issues that interfere with taking your exams or completing other assignments on time.

**Student Dress:** Reasonable standards of decency apply to the college community. The student should dress in a manner which does not distract from the academic atmosphere. Revealing attire or clothing carrying obscene or offensive slogans is not permitted. In all academic buildings, classrooms, offices, the Student Center, and dining facilities, students are required to wear shirts and shoes.

**Language:** Please be respectful of others and use language that is appropriate to the workplace. In discussions that are face-to-face or online in Blackboard, remember that you are addressing a group. On discussion boards, even though you don't see the other students when you are posting in Discussions, they will be reading. This means several things:

- Don't say/write things that you wouldn't say/write publicly (face-to-face).
- Don't address comments to individuals unless you want all to know what you are telling that person.
- Don't share confidential information. If you are quoting from something another person has sent you personally, ask their permission first.
- Read your message before you send it since once it is out there, you can't change it.
- This is a NO JUDGEMENT ZONE! None of us have the same background and life experiences, so we understand or see things differently from each other. This means what seems obvious to you may not be obvious to others, and vice-versa. All on-topic questions are welcomed and treated with respect.

**COURSE OUTLINE / CALENDAR\***

Problems are assigned online for each section of the textbook that we cover. To access online MyMathLab assignments, must initially opt-in by clicking the Course Content button in Blackboard, then click the Course Materials link, then click the Opt-In button. (You already paid for the course materials at registration; there's no additional fee. If you opt-out, you can buy an access code for MyMathLab directly from Pearson Publishing, but this will cost more.) After the initial registration process, you can access your MML assignments through Blackboard or by directly logging in to MyMathLab.com. Assignments have due dates, and you will lose 20% for work completed after the due date passes. To master the material and prepare for the exams, you **MUST** work extra problems!

\* Assignments and deadlines are subject to change at instructor's discretion, and all changes will be emailed to the class and posted in Blackboard Announcements.

| <b>Date</b>    | <b>Content</b>   | <b>Assignments</b>   |
|----------------|--|--|
| Week 1<br>8/26 | <b>Syllabus, Real Numbers (Part 1)</b><br><ul style="list-style-type: none"> <li>Welcome, Introductions, Syllabus Overview</li> </ul>  | <b>Day 1 Checklist</b>   |
| 8/28           | <ul style="list-style-type: none"> <li>5.1 Number Theory; Prime and Composite Numbers</li> <li>5.2 The Integers; Order of Operations</li> </ul>  | <b>Blackboard Discussion 1 – Introductions</b><br><br>Read Sections 5.1, 5.2<br>MML Tutorial<br>MML Hwk 5.1, 5.2<br><b>Due 11:59pm, 9/1</b>                |
| Week 2<br>9/2  | <b>Real Numbers (Part 2)</b><br><ul style="list-style-type: none"> <li><b>9/2 – Labor Day Holiday – No Classes!</b></li> </ul>   | <b>Bb Discussion 2 – Success Plan</b>  |
| 9/4            | <ul style="list-style-type: none"> <li>5.3 The Rational Numbers</li> <li>5.4 The Irrational Numbers</li> </ul>   | Read Sections 5.3-5.4<br>MML Hwk 5.3-5.4<br><br><b>Due 11:59pm, 9/8</b>  |
| Week 3<br>9/9  | <b>Real Numbers (Part 3) &amp; One-Variable Equations (Part 1)</b><br><ul style="list-style-type: none"> <li>5.5 Real Numbers and Their Properties</li> <li>5.6 Scientific Notation</li> </ul> | <b>Bb Discussion 3 – Study Strategies</b>  |
| 9/11           | <ul style="list-style-type: none"> <li>6.1 Algebraic Expressions and Formulas</li> <li>Review for Exam 1 (Chapter 5)</li> </ul>  | Read Sections 5.5-5.6, 6.1<br>MML Hwk 5.5-5.6, 6.1<br><b>MML Quiz 1 (Ch. 5)</b><br><br><b>6.1 due 11:59pm, 9/22</b><br><b>All others due 11:59pm, 9/15</b> |
| Week 4<br>9/16 | <b>Exam 1 (Ch. 5) &amp; One-Variable Equations (Part 2)</b><br><ul style="list-style-type: none"> <li><b>Exam 1 (Ch. 5) – No Calculator!</b></li> </ul>  | <b>Bb Discussion 4 – Growth Mindset</b>  |
| 9/18           | <ul style="list-style-type: none"> <li>6.2 Linear Equations in One Variable and Proportions</li> <li>6.3 Applications of Linear Equations and Variation</li> </ul>                             | Read Sections 6.2-6.3<br>MML Hwk 6.2-6.3<br><br><b>Due 11:59pm, 9/22</b>   |

| Date                               | Content   | Assignments  |
|------------------------------------|---|--|
| Week 5<br><br>9/23<br><br><br>9/25 | <b>One-Variable Equations (Part 3) &amp; Graphs, Functions, and Linear Systems</b> <ul style="list-style-type: none"> <li>• 6.5 Quadratic Equations</li> <li>• 7.1 Graphing and Functions, Distance and Midpoint Formulas</li> <li>• 7.2 Linear Functions and Their Graphs</li> <li>• 7.3 Systems of Linear Equations in Two Variables</li> </ul> | <b>Bb Discussion 5 – Review Success Plan</b><br><br>Read Sections 6.5, 7.1-7.3<br>MML Hwk 6.5, 7.1-7.3<br><br><b>MML Quiz 2 (Ch. 6)</b><br><b>MML Quiz 3 (Ch. 7)</b><br><br><b>Due 11:59pm, 9/29</b> |
| Week 6<br>9/30<br><br><br>10/2     | <b>Exam 2 &amp; Personal Finance (Part 1)</b> <ul style="list-style-type: none"> <li>• <b>Exam 2 (Ch. 6 &amp; 7)</b></li> <li>• 8.1 Percents, Sales Tax, and Discounts</li> <li>• 8.3 Simple Interest</li> </ul>  | <b>Bb Discussion 6 – Stress Management</b><br><br>Read Sections 8.1, 8.3<br>MML Hwk 8.1, 8.3<br><br><b>Due 11:59pm, 10/6</b>   |
| Week 7<br>10/7<br><br><br>10/9     | <b>Personal Finance (Part 2)</b> <ul style="list-style-type: none"> <li>• 8.4 Compound Interest</li> <li>• 8.5 Annuities, Methods of Saving, and Investments</li> <li>• 8.6 Cars</li> <li>• 8.7 The Cost of Home Ownership</li> </ul>   | <b>Bb Discussion 7 – Dream Vacation</b><br><br>Read Sections 8.4-8.7<br>MML Hwk 8.4-8.7<br><br><b>MML Quiz 4 (Ch. 8)</b><br><br><b>Due 11:59pm, 10/13</b>  |
| Week 8<br>10/14<br><br><br>10/16   | <b>Exam 3 and Measurement (Part 1)</b> <ul style="list-style-type: none"> <li>• <b>Exam 3 (Ch. 8)</b></li> <li>• 9.1 Measuring Length; The Metric System</li> <li>• 9.2 Measuring Area and Volume</li> </ul>  | <b>Bb Discussion 8 – Sleep</b><br><br>Read Sections 9.1-9.2<br>MML Hwk 9.1-9.2<br><br><b>Due 11:59pm, 10/20</b>  |
| Week 9<br>10/21<br><br><br>10/23   | <b>Measurement (Part 2) &amp; Geometry (Part 1)</b> <ul style="list-style-type: none"> <li>• 9.3 Measuring Weight and Temperature</li> <li>• 10.2 Triangles</li> <li>• 10.3 Polygons, Perimeter, and Tessellations</li> <li>• 10.4 Area and Circumference</li> </ul>  | <b>Bb Discussion 9 – Nutrition</b><br><br>Read Sections 9.3, 10.2-10.4<br>MML Hwk 9.3, 10.2-10.4<br><br><b>MML Quiz 5 (Ch. 9)</b><br><br><b>Due 11:59pm, 10/27</b>                                   |

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| <p>Week 10<br/>10/28</p> <p>10/30</p> | <p><b>Geometry (Part 2) &amp; Review for Exam 4</b></p> <ul style="list-style-type: none"> <li>• 10.5 Volume and Surface Area</li> <li>• 10.6 Right Triangle Trigonometry</li> </ul>  | <p><b>Bb Discussion 10 – Halloween Recap</b></p> <p>Read Sections 10.5-10.6<br/>MML Hwk 10.5-10.6</p> <p><b>MML Quiz 6 (Ch. 10)</b></p> <p><b>Due 11:59pm, 11/3</b></p>                           |
| <p>Week 11<br/>11/4</p> <p>11/6</p>   | <p><b>Exam 4 &amp; Set Theory (Part 1)</b></p> <ul style="list-style-type: none"> <li>• <b>Exam 4 (Ch. 9 &amp; 10)</b></li> <li>• 2.1 Basic Set Concepts</li> <li>• 2.2 Subsets</li> <li>• 2.3 Venn Diagrams and Set Operations</li> </ul>  | <p><b>Bb Discussion 11 – Eiffel Tower</b></p> <p>Read Sections 2.1-2.3<br/>MML Hwk 2.1-2.3</p> <p><b>Due 11:59pm, 11/10</b></p>   |
| <p>Week 12<br/>11/11</p> <p>11/13</p> | <p><b>Set Theory (Part 2) &amp; Counting Theory and Probability (Part 1)</b></p> <ul style="list-style-type: none"> <li>• 2.4 Set Operations and Venn Diagrams with Three Sets</li> <li>• 2.5 Survey Problems</li> <li>• 11.1 The Fundamental Counting Principle</li> <li>• 11.4 Fundamentals of Probability</li> </ul> | <p><b>Bb Discussion 12 – Math in Your Career</b></p> <p>Read Sections 2.4-2.5, 11.1, 11.4<br/>MML Hwk 2.4-2.5, 11.1, 11.4</p> <p><b>MML Quiz 7 (Ch. 2)</b></p> <p><b>Due 11:59pm, 11/17</b></p>   |
| <p>Week 13<br/>11/18</p> <p>11/20</p> | <p><b>Counting Theory and Probability (Part 2) &amp; Exam 5</b></p> <ul style="list-style-type: none"> <li>• 11.6 Events Involving <i>Not</i> and <i>Or</i>; Odds</li> <li>• 11.7 Events Involving <i>And</i>; Conditional Probability</li> <li>• <b>Exam 5 (Ch. 2 &amp; 11)</b></li> </ul>                             | <p><b>Bb Discussion 13 – Dear Younger Me</b><br/>Due 11:59pm, 11/24</p> <p>Read Sections 11.6, 11.7<br/>MML Hwk 11.6, 11.7</p> <p><b>MML Quiz 8 (Ch. 11)</b></p> <p><b>Due 11:59pm, 11/19</b></p> |
| <p>Week 14<br/>11/25</p>              | <p><b>Statistics (Part 1) &amp; Thanksgiving</b></p> <ul style="list-style-type: none"> <li>• 12.1 Sampling, Frequency Distributions, and Graphs</li> <li>• <b>11/27-11/29 – Thanksgiving Holidays – No Classes!</b></li> </ul>   | <p><b>Bb Discussion 14 – Gratitude</b></p> <p>Read Section 12.1<br/>MML Hwk 12.1</p> <p><b>Due 11:59pm, 12/1</b></p>  |

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| <p>Week 15<br/>12/2</p> <p>12/4</p> | <p><b>Statistics (Part 2) &amp; Review for Final Exam</b></p> <ul style="list-style-type: none"> <li>• 12.2 Measures of Central Tendency</li> <li>• 11.8 Expected Value and Roulette</li> </ul> <p>• Review for Final Exam</p> | <p><b>Bb Discussion 15 – Halloween Graphs</b></p> <p>Read Section 12.2<br/>MML Hwk 12.2</p> <p><b>MML Quiz 9 (Ch. 12)</b></p> <p><b>Due 11:59pm, 12/8</b></p> |
| <p>Week 16<br/>12/9</p>             | <p><b>Cumulative/Comprehensive Final Exam</b></p> <p><b>Final Exam Monday, 12/9, 10:15am-12:15pm</b></p> <ul style="list-style-type: none"> <li>• <b>Any late work due by 10am, Monday, 12/9</b></li> </ul>                    | <p><b>Have a safe and happy Christmas break!</b></p>  |

\* Assignments and deadlines are subject to change at instructor's discretion, and all changes will be announced in class and posted in MyMathLab.