Contemporary Mathematics I
MATH 1332.63400 & 93414
SPRING 2016
01/20/16-05/12/16

Professor: T. Slider
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Office Phone Number: 214-860-3650
Office Number: W211
Office Hours: TR 10:00AM – 11:00AM and TR 12:30PM - 2:00PM
Meeting Days & Time: ONLINE

Division: Science, Technology, Engineering, & Mathematics (STEM)
Office Hours: M – F 8:00 am – 5:00 pm
Office Phone: 214-860-8760
Office Number: W147

Course Description: This is an entry-level course and is open to any student meeting TSI standards of college readiness (student must have appropriate assessment test score or have successfully completed DMAT 0310).

Course Pre-requisites: Topics may include introductory treatments of sets, logic, number systems, number theory, relations, functions, probability and statistics. Appropriate applications are included.

Course Materials/Supplies Needed
- Scientific Calculator
- Internet Access
- Web browser such as Internet Explorer
- A valid email address
- Microsoft Word or a word processing software
- PowerPoint

Core Statement:
MATH 1332 is a Tier 1 course in the Quantitative Reasoning learning category. “Knowledge and skills that are important to your success in other college courses will be introduced and reinforced in Tier 1. The Quantitative Reasoning category promotes the application of mathematics to increase your ability to solve “real-world” problem. When you are quantitatively literate, you can use logic and critical thinking in new ways.” - Catalog of the Colleges of DCCCD

Core Objectives:
MATH 1332 develops the following Core Objectives:
Critical Thinking – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
Communication – to include effective development, interpretation and expression of ideas through written and visual communication.
Empirical and Quantitative Skills – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
Core Objective Development Statement:
MATH 1332 develops Critical Thinking, Communication, and Empirical and Quantitative Skills by requiring students to solve and analyze applications to at least one of the following: sets, logic, number systems, number theory, functions, probability and statistics.

Course Outline:
Chapter 1 Problem Solving and Critical Thinking
Chapter 2 Set Theory
Chapter 3 Logic
Chapter 4 Number Representation and Calculation
Chapter 5 Number Theory and The Real Number System
Chapter 6 Algebra: Equations and Inequalities
Chapter 7 Algebra: Graphs, Functions, and Linear Systems
Chapter 11 Counting Methods and Probability Theory
Chapter 12 Statistics
Note: The instructor may omit certain topics in these chapters.

Evaluation Procedures:
Your grade will be based on tests, homework, and a comprehensive final exam. All homework, tests, and final exam must be done online in MyMathLab and Mastering (http://pearsonmylabandmastering.com). MyMathLab and Mastering is also referred to as MyMathLab.

For instructions on how to enroll in MyMathLab, access the Student Registration Handout in eCampus under the MyMathLab button.

When you enroll in MyMathLab, you are required to use the first and last name that the MVC/DCCC Registrar has on file for you. If the name on the MyMathLab roster does not match the name on the official MVC/DTC course roster, then you may receive a failing grade until the matter is resolved.

If you have enrolled in MyMathLab with temporary access, you are to pay on that account. Do not open a new account when you purchase MyMathLab. Follow the instructions in the reminder emails that MyMathLab/Pearson sends to you. Your grades will not transfer automatically or be transferred by me from one account to another. Below is the information from MyMathLab.

Category Percentages:
<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Tests</td>
<td>60%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>100%</td>
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</tbody>
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Grading Scale:
- 100% - 90% A
- 89% - 80% B
- 79% - 70% C
- 69% - 60% D
- 59% - below F

Readings, Videos, and PowerPoint Lectures – You are to read in the Multimedia Textbook, watch video presentations, and view PowerPoint lectures for the assigned sections. These may be accessed in MyMathLab under the button entitled “eBOOK”.

Tests – All tests will be taken online in MyMathLab. The tests can be accessed under the button entitled “TESTS & FINAL EXAM”. Each test will be timed and you will be given approximately 80 minutes to complete each test. The system is set so that if you attempt to open another assignment, etc. your test session will end. Do not open any other assignment, etc. when you are testing.

Access will not be given if your test closes because you opened another assignment. Test questions will be taken from the readings, video presentations, and PowerPoint lectures. For each test there will be a few problems in which you will be required to
show the work. To receive full credit on these problems, all of the steps must be shown and the work should flow clearly. When using variables, be sure to define the variables. The final answer must be clearly stated.

Each test has to be taken in the lockdown browser which you will download from MyMathLab. Please access the following link for more information.
http://help.pearsoncmg.com/xl/student/sa/student_help_Left.htm#CSHID=take_locked_down_tests.htm|StartTopic=Content%2Ftake_locked_down_tests.htm|SkinName=stu-frameset

**MyMathLab Homework** – Under the “HOMEWORK” button in MyMathLab will be the assignments in which you will practice the mathematics concepts introduced in each chapter. The due dates for these assignments are listed beside each assignment. The due dates are also listed in eCampus under the “ASSIGNMENTS” button.

**Final Exam** – There will be a comprehensive final exam given in MyMathLab that must be completed by 10:00 p.m. Central Standard Time, Wednesday, May 11, 2016.

**Gradebook** - To access your grades throughout the semester, please view the gradebook in MyMathLab. The MyMathLab gradebook will have the most current average for you. Grades will be kept in the eCampus grade center for official recordkeeping.

**Netiquette** – Please refer to the information under the “Netiquette” button in eCampus to learn the rules of etiquette for this course.

**Time Zone**
This course will be facilitated in Central Standard Time.

**Responsibility of Online Learner:**
As a student in an online course, it is your responsibility to locate a computer with reliable internet access. Computer and internet issues/problems not associated with the eCampus and/or My Lab and Mastering (MyMathLab) websites’ technical issues or downtime will not be considered exceptions to the late work and makeup exam policies. It is also your responsibility to have the necessary course materials to complete the assignments. You will not receive extensions on assignments or tests due to financial issues, not receiving MyMathLab by the start of class, or personal computer issues. Please plan ahead and do not wait until the last minute to complete assignments or tests.

**Classroom Etiquette:**
Any online or email behavior or language deemed inappropriate by the instructor will not be tolerated. Any student who is disruptive or offensive will be removed from the course and required to discuss his or her behavior with the instructor before continuing with the course. Please familiarize yourself with and abide by the **Student Code of Conduct** found online at https://www1.dcccd.edu/cat0406/ss/code.cfm.

**Late Work Policy:**
Late work is not allowed. You are more than welcome to submit an assignment early. You are not allowed to submit an assignment late. Extensions will not be granted.

**Makeup Exam Policy:**
Makeup exams are not allowed. You are more than welcome to do an exam early. You are not allowed to do an exam late. Extensions will not be granted.

**Certification Procedures:**
To be certified as attending this online course, you must complete the Introduction Discussion Board assignment in eCampus by the deadline posted.

The withdraw date for this class is **April 14, 2016.**

**Academic Dishonesty:**
Students that caught plagiarizing an assignment will be subject to an “F” in the course and possible expulsion from the college.
Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at https://www1.dcccd.edu/catalog/ss/code.cfm.

Institution Policies: Please visit http://www.mountainviewcollege.edu/Academics/Documents/Institutional%20Policies.pdf for a complete list of institutional policies (Stop Before You Drop; Withdrawal Policy; Repeating a Course; Financial Aid; Academic Dishonesty; Americans with Disabilities Act Statement; Religious Holidays; and Campus Emergency Operation Plan and Contingency Plan.).

Additional Information:
The instructor reserves the right to amend the syllabus.

Class schedule - TBD