Fundamentals of Mathematics II
MATH. 1351. 68440
October Flex 2019
10/22/19 – 12/12/19

Professor: T. Slider Email: tslider@dcccd.edu
Office Phone Number: 214-860-3650
Office Number: W212
Office Hours: MTWR 12:30 PM – 1:45 PM or by appointment
Meeting Days & Time: ONLINE
Room Number: ONLINE
Credit Hours: 3 Semester Hours

Division: Science, Technology, Engineering, & Mathematics (STEM)
Office Hours: M – F 8:00 am – 5:00 pm
Office Phone: 214-860-8760
Office Number: W120

Mathematics for Teachers II (Fundamentals of Mathematics II)
This is a Texas Common Course Number. Prerequisite Required: MATH 1350.
Course Description: This course is intended to build or reinforce a foundation in fundamental mathematics
concepts and skills. It includes the concepts of geometry, measurement, probability, and statistics with an
emphasis on problem solving and critical thinking. (3 Lec.)
Coordinating Board Academic Approval Number 2701015719

Course Materials/Supplies Needed:
A PROBLEM SOLVING APPROACH TO MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS,
BUNDLED WITH MYMATHLAB ACCESS CODE (COURSECOMPASS) by Billstein, Libeskind, & Lott, 12th edition
(ISBN#978-0321990594) MyMathLab is a required purchase. If you were in my MATH 1350 course, then you do
not have to purchase MyMathLab again.
CALCULATOR

Learning Outcomes:
Upon successful completion of this course, students will:
1. Apply fundamental terms of geometry such as points, lines, and planes to describe two and three dimensional figures.
2. Make and test conjectures about figures and geometric relationships.
3. Use a variety of methods to identify and justify congruency and similarity of geometric objects.
4. Perform geometric transformations.
5. Demonstrate fundamental probability techniques and apply those techniques to solve problems.
6. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
7. Recognize, examine, and utilize the basic principles of describing and presenting data.
8. Perform measurement processes and explain the concept of a unit of measurement.
9. Develop and use formulas for the perimeter, area, and volume for a variety of figures.

Course Outline:
Chapter 9 Probability
Chapter 10 Data Analysis/Statistics: An Introduction
Chapter 11 Introductory Geometry
Chapter 12 Congruence and Similarity with Constructions
Chapter 13 Congruence and Similarity with Transformations
Chapter 14 Area, Pythagorean Theorem, and Volume

Evaluation Procedures:
Final grades will be computed as follows:
Tests 60%
Final Exam 20%
MML Homework 20%
TOTAL 100%

Grading Scale:
Your final course grade will be determined as shown:
Average Corresponding Letter Grade
100% - 90% A
89% - 80% B
79% - 70% C
69% - 60% D
59% - below F

Your course grades are computed using a weighted average. This means that some categories weigh more than others. Since the tests are worth 60%, they have more weight in the calculation of your course grade.

Your grade is based on MML homework, tests, and a final exam which will all be completed in MyMathLab. Refer to the MyMathLab Student Registration Handout under the MyMathLab button in eCampus to learn how to enroll in MML. This is also where the course ID is found. You must begin the Discussion Board assignment in order to gain access to the MyMathLab Student Registration Handout. The handout will not show until you begin the Discussion Board assignment.

When you enroll in MyMathLab, you are required to use the first and last name that the MVC/DTC Registrar has on file for you. If your name on the MyMathLab course roster is not the same as on the MVC/DTC course roster, then the posting of your grade will be delayed until the matter is resolved. You may also receive a failing grade if the matter is not resolved in a timely manner.

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 you. Your grades will not transfer automatically or be transferred by me from one account to another. If your MyMathLab account is inactive at the time course grades are to be posted, you will receive a failing grade until the matter is resolved.
MyMathLab is a required purchase. If you were in my MATH 1350 course, then you do not have to purchase MyMathLab again.

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” and the “Homework: button.

Tests – All tests will be taken online in MyMathLab. The tests can be accessed under the button entitled “Quizzes & Tests”. Each test will be timed and you will be given approximately 80 minutes to complete each test. Each test must be completed in one sitting. You cannot work in a test and go back to it at a later time to finish it. If the system boots you out of a test, then you must email me within two minutes of getting booted out. If you do not email me within that two minutes, your test will not be reset and will be submitted as is. It is imperative there is no delay in contacting me.

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.

Each test has to be taken in the lockdown browser which you will download from MyMathLab. Please access the following link for more information.
https://www.mathxl.com/support/browsercheck_modulehelp/pearsonlockdownbrowser/more_info.htm

A reliable computer with internet access is required. Because you will take tests in the lockdown browser, any difficulties with the lockdown browser must be worked out before the first test. Issues with the lockdown browser will not be cause for an extension on the quizzes or tests. A sample test has been posted in MML so that you can use it to test your computer’s status with the lockdown browser. You will need to check your lockdown browser access before each test. If you cannot get the lockdown browser to work on your personal computer, then you will need to find an alternate computer to take the quizzes and tests.

If your computer crashes, etc. during a test which prevents you from completing the test, then you must provide me documentation proving the issue. Without proper documentation, the test will not be reset for you to complete.

If you ever have technical issues with eCampus, then you need to contact technical support immediately. The phone number is 972-669-6402.

For problems with MyMathLab, go to https://support.pearson.com/getsupport/s/.

Each test must be completed in one sitting. You cannot work in a test and go back to it at a later time to finish it. If the system boots you out of a test, then you must email me within two minutes of getting booted out. If you do not email me within that two minutes, your test will not be reset and will be submitted as is. It is imperative there is no delay in contacting me.

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:
The final exam is due by the posted deadline in eCampus and MyMathLab. It is a comprehensive exam.

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. In the gradebook you can also review assignments you have completed. You cannot complete assignments by accessing them via the MyMathLab gradebook. Never, never, never try to complete assignments in the gradebook, because it will not save your work.

At the end of the semester, the grade you have earned and is displayed in the MyMathLab gradebook will be the grade posted in eConnect. Do not expect any grades to be dropped before final course grades are posted.

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.

*MyMathLab is a required purchase. If you were in my MATH 1350 course, then you do not have to purchase MyMathLab again.*

Instructor Attendance Policy:
Students are expected to log in to the course regularly. For an online course, regularly is defined as at least five times per week. You must be a highly motivated student who can be disciplined to devote time to a distance learning program of study.

Students must begin attendance in all classes of enrollment. No exceptions. Financial Aid will not be granted to students who have been certified as not attending, by the certification date. For this lecture course, your physical participation in class, on or before the certification date will allow you to receive credit for FA purposes. For certification dates, check with the division or FAO for further information. Students, who are not certified as beginning class, are responsible for any payments due as a result of non-certification, to include the dropping of courses.

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 in eCampus.

Withdrawal:
The withdraw date for this class is November 27, 2019.

**Student Code of Conduct /Behavior:**
Any in-class, online, telephone, in-person, or email behavior or language deemed inappropriate by the instructor will not be tolerated. ANY communication or behavior deemed disrespectful will not be tolerated. Any student who is disruptive or offensive to me or your classmates will be required to discuss his or her behavior with the instructor and the dean before continuing with the course. **You will not be allowed to attend class or you will be removed from the online system until your inappropriate behavior or actions have been discussed and a plan for moving forward has been agreed on by the instructor and the dean.** Please familiarize yourself with and abide by the Student Code of Conduct found online at [https://www1.dcccd.edu/cat0406/ss/code.cfm](https://www1.dcccd.edu/cat0406/ss/code.cfm).

**Academic Dishonesty:**
Students who are caught plagiarizing or cheating on an assignment will be subject to an “F” in the course and possible expulsion from the college.

**Institution Policies:** Institutional Policies relating to this course can be accessed from the following link: [www.mountainviewcollege.edu/syllabipolicies](http://www.mountainviewcollege.edu/syllabipolicies) 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 alter the syllabus.

**Course Calendar:**
The list of assignments and due dates is posted in eCampus under the Assignments tab.