Math 1351.01W
COURSE SYLLABUS: Summer 2022

INSTRUCTOR INFORMATION

Instructor: **Debra Newton,**
Office Location: **Binnion 319**
Virtual Office Hours: **MW 10:00AM-12:30PM or other times by appt.**
Office Phone: **903-886-5954**
University Email Address: **Debra.Newton@tamuc.edu**
Preferred Form of Communication: **Email**
Communication Response Time: **Within 24 hours M-F, 48 hours on weekends**

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Texts and/or Materials: Students are recommended to have access to Mathematics for Elementary School Teachers (7th Edition) by Bassarear and Moss (ISBN 978-1-337-62996-6). Homework assignments will be from content in the textbook and on the lecture videos.

Software Required: None required.

Supplies Needed: Basic calculator and a three-ring binder or folder for handouts. You may also want a ruler (metric and standard), a protractor, scissors, glue stick, stapler, and colored pencils. **Please also use ONLY pencil (no pens) on all exams**.

Technology Requirements: The graphing calculator of TI 83/TI 84 or equivalent is highly recommended. Calculators other than Texas Instruments calculators may be used but classroom instruction on calculators will be given for TI equipment only. **Note: Calculators that solve problems for students, including but not limited to TI-Nspire, TI 89 or higher, Casio Prizm, Casio Touch or higher are **NOT** allowed to be used for this class. ** Students are also required to clear the memory of graphing calculators before and after each exam.

Students need to check their MyLeo e-mail regularly for class announcements.

The *syllabus/schedule are subject to change.*

Course Description

This course will include content and pedagogy for teaching ratio and proportion, percent, probability, statistics, geometry, and measurement. This course will also address applications of the algebraic properties of real numbers with an emphasis on problem solving and critical thinking. Students should already have substantial skills in these areas. Problem solving is interwoven in all of these topics. The course focuses on underlying concepts and multiple techniques of explaining the concepts. ***You should already know how to do the computations for most of the material. Therefore the goal of this course is NOT to teach simple mathematical computations but to assist you in developing an understanding of mathematics. As a future teacher you must be able to explain mathematics to your students, not just teach rote manipulations of numbers and symbols. You should know and understand more mathematics than what you teach.***

Prerequisite: a "C" or better in Math 1350 (Formerly Math 350).

Course Objectives:

Develop understanding of mathematics
Connect ideas within and between mathematical concepts
Develop mathematical thinking
Review manipulation of numbers in fraction and decimal form
Become proficient in solving problems

Student Learning Outcomes: Upon completion of this course, the successful student will be able to:

1. Demonstrate their ability to problems, particularly those involving fractions, decimals, percent, ratio, proportion, probability, statistics, geometry and measurement.
2. Demonstrate a judicious use of technology and manipulatives in the classroom.
3. Explain material to a child through the appropriate use of words, reasoning, drawings, and manipulatives.

Students should not attend class or test in a testing center when ill or after exposure to anyone with a communicable illness. Communicate such instances directly with your instructor.

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COURSE REQUIREMENTS

Instructional Methods

Minimal Technical Skills Needed

Students need to check their e-mail regularly with the address that they have provided to the instructor for class announcements. Access to D2L, a computer, a scanner or scanning app, and the internet will be needed for assignments. Access to a printer is also strongly recommended.
Since this class is online, certain considerations need to be made. Please read the following paragraph carefully. You will have to be self-motivated in order to be successful in this class. You will also be required to view the posted course material and learn on your own for much of the course unless you seek outside tutoring help. Furthermore, **all exams must be taken on campus or at an approved testing location. Be aware that testing centers off campus may charge a testing fee for using their services.**

In addition, this is an **accelerated** 5-week course. The course will cover the material usually covered in 16 weeks during a regular semester, and so it will be fast paced. Please take all of this and the following under consideration. If you feel such a setup would not be favorable to your success, please consider taking this class in a full semester and in a face-to-face format if possible. You may contact your instructor if you have any questions about this.

When written work is required, you will need the ability to scan a document and save it as a .pdf file and upload to the appropriate submission folder on D2L. There are a number of free scanner apps, like CamScanner, that can be used for this purpose.

Attendance

Attendance: Logging into D2L and completing assignments will be used to determine attendance. Students need to actively participate in class and/or online to receive credit. **Attendance and participation (in person and/or online) are a must to be able to do well in this class**. It is expected that students follow the guidelines set forth by the Class Attendance Policy in the current Undergraduate Catalogue.

If students represent an athletic team for this university, departmental team, scholastic team, choir, or other group and must miss class, notify me in writing with the appropriate documentation within one week of the absence in order not to be counted absent. Arrangements for make-up work will be made at that time.

For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01.
http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

The *syllabus/schedule are subject to change.*

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%
B = 80%-89%
C = 70%-79%
D = 60%-69%
F = 59% or Below

Grading Policy:

Section:	Total:
Daily Work/Projects/Teaching Assignments	25%
Tests (2 exams)	50%
Comprehensive Final	25%

Each student's average for the course will be posted in your MyLeo account. To access the course, you will go into MyLeo and the "Apps" and look for the app for "MyLeo Online (D2L Brightspace)". You should see directions to choose your course from the course grid that looks like:

Once you have chosen the correct course, you will be able to see your "grades" option.

Daily Work

Homework: Written activities will be assigned and uploaded to D2L weekly. These assignments will normally be due on Wednesdays and Sundays. **It is extremely important for you to work all homework problems in order to be prepared for the exams.** We will also be working on assignments from the textbook and supplemental assignments as you watch the lecture videos each class day. Selected papers will be turned in for a grade by uploading them to D2L as a single .pdf file. A grade will be taken on select problems from each assignment. The total number of assignments that are completed and turned in (punctually) by the student will be reflected in the daily work grade. **In general, late work will not be accepted.**

Quizzes: Online D2L quizzes may occasionally be given. Since regular attendance is expected, in general, **no make-up quizzes will be given**. Quizzes will average into your homework/daily grade.

Teaching Assignments/Projects/Reading Activties: There may be several projects or reading activities assigned this semester. These activities will vary in their scope and should be completed neatly and punctually and submitted into the appropriate submission folder in D2L.

Assessments

There are two scheduled exams and a comprehensive final. **As stated before, all exams must be taken IN PERSON, either on campus or at an approved testing location. Be aware that testing centers off campus may charge a testing fee for using their services.**

Partial credit may be given on exams IF all work is neatly shown for determination of the student's mistakes. While taking exams, **CELL PHONES AND OTHER ELECTRONIC DEVICES MUST BE TURNED OFF AND STORED OUT OF THE STUDENT'S REACH. The only electronic device allowed during tests and quizzes is a stand-alone calculator (such as a TI-34, TI-83, TI-84, etc.), and only with the instructor's permission. All exams must be completed in pencil.**

In general, no make-up exams will be given without prior notice of a university excused absence*. I realize that at times throughout the semester, emergency situations may arise that affect a student's performance on an exam or even prevent a student from attending on an exam day. **I can replace the lowest exam grade with the student's grade on the corresponding portion of the final exam, provided the final exam score is higher.** This provision will only be applied to **ONE** exam, so students should make every effort to be present and well-prepared for all exams.

A practice exam and answer key will be available prior to each exam. Be sure to take advantage of this valuable resource!!

See the class schedule on the last page for testing dates. These dates are tentative and are subject to change.

* University Authorized Excuses: 1) Participation in a required/authorized university activity; 2) Verified illness; 3) Death in a student's immediate family; 4) Obligation of a student at legal proceedings in fulfilling responsibility as a citizen; and others determined by individual faculty to be excusable (e.g., elective University activities, etc.)

ATC Statement:

*****Important about Exams for Online Math Classes ***** All exams for this course need to be taken at a face to face testing center. These tests can be taken for **free** at the TAMUC **Academic Testing Center (ATC),** which is **located in Ferguson (the Social Sciences Building) Room 308 in Commerce, TX.** However, if you live far from the Commerce campus, you can arrange to take exams at the approved testing center that is closest to you. You will need to make sure your chosen testing center has been verified and approved before you schedule your exams. **Also, please be aware that testing centers off campus may charge a testing fee for using their services.** You will be responsible for any fees charged by an outside testing center. If needed, there is a department-approved list of testing centers that may help you choose a location closer to you.

Again, if you come to the Commerce campus, you will test in the **ATC in Ferguson Room 308 (on the third floor of the Social Sciences Building).** Their hours of operation are Monday through Thursday 10 a.m. to 7 p.m. and Friday 10 a.m. to 2 p.m. You will need to show up to take the test on paper at the testing center with your **photo ID card**. Please make sure you note testing center closing times to be sure you have ample time to complete the exam before they close.

Please note: There is a different testing center on the Commerce campus that administers standardized exams, but not exams for the math department. Please DO NOT go to their office, as they will NOT have your exams. All math department exams in Commerce are sent to the TAMUC **Academic Testing Center (ATC),** which is **located in Ferguson (the Social Sciences Building) Room 308 in Commerce, TX.**

Final Exam: The final exam will be an OPTIONAL, comprehensive exam. **For this Summer, students have the option to choose to *not* take final exam *IF* he/she fulfills these requirements:**

- **The student has a passing average grade after Exam 2 and is happy with the final average, *AND***
- **The student has completed the assignments on MyMathLab *AND***
- **The student has informed the teacher clearly that he/she wants to opt out of the final exam before final exam week.**

In this case, the average of all the exams taken before final exam will be counted as 75% and together with the daily grades of 25% to make up for the 100% of the final grade. If students opt to or need to take the final exam, the corresponding material from that final can replace the one lowest exam grade. Students will then follow the grading policy outlined below to calculate for the final grade for the course.
Final Exam days are August 10th-11th, 2022 and a schedule for taking the optional final online will be announced later.

Tutoring: Students can choose to attend tutoring in the Math Skills Center, TRIO, Supplemental Instruction tutoring sessions, and other on campus tutoring sessions that are approval by the Mathematics Department.

The **Math Skills Center**, located in Binnion 328, is open ***Monday thru Thursday from 10am – 2pm.*** Free tutoring is available for students who need help with their math courses. In addition, the **Academic Success Center also offers supplemental instruction/tutoring through www.tutor.com.**

The **Mach III/TRIO Program** is available for students who qualify for additional resources, such as private tutoring. In order to qualify, students must meet certain conditions, such as being a first-generation college student. For more information, contact TRIO at 903-886-5833 or in the Halladay Student Services building, Room 300.

We are also offering online tutoring through Zoom with a few of our local tutors. Know that these tutors specialize in first year math classes through Calculus 1, and so they may not be knowledgeable of the teaching concepts covered in this class. The hours are as follows: Monday – Thursday, 11am – 8pm: online Zoom tutoring via https://tamuc.zoom.us/j/95379717331

Minimum Competency Requirement: Due to the important role fractions and decimals play in a child's mathematical career, this course includes a minimum competency requirement over the material on the first exam. This is all content that should have been learned in Math 1350 (a prerequisite for this course), and mastery of these skills is vital to a student's success in this course.

TECHNOLOGY REQUIREMENTS

Students need to **check their MyLeo e-mail regularly** for class announcements.

Access to a computer, the internet, **MyLeo and D2L**will be needed for online homework assignments.

A computer or tablet with stable internet access is essential for the success of students.

A scanner or a cell phone with a free scan app (CamScanner or Adobe Scan is recommended) that allows you to scan worked out steps to a single .pdf fileis required.

Access to a printer will be helpful if you would like to print out class handouts or an exam.

The **TI 83/TI 84 graphing calculator** or equivalent is highly recommended. Calculators other than Texas Instruments calculators may be used but classroom instruction on calculators will be given for TI equipment only. **Note: Calculators that solve problems for students, including but not limited to TI-Nspire, TI 89 or higher, Casio Prizm, Casio Touch or higher are **NOT** allowed to be used for this class. ** **Students are also required to clear the memory of graphing calculators before and after each exam.**

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:
https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903-468-6000 or helpdesk@tamuc.edu**.**

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

https://community.brightspace.com/support/s/contactsupport

Interaction with Instructor Statement

Students will be expected to interact with the instructor(s) in class or via electronic means in an appropriate manner. All instructor contact information is listed on this syllabus and should be used. Please use email to facilitate a quick response.

The *syllabus/schedule are subject to change.*

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Getting Help Outside of Office Hours: The Math Skills Center, located in Binnion 328, and is open ***Monday thru Thursday from 10am –2pm.*** While the department does its best to place quality tutors in the lab, please understand that not all tutors are trained in techniques used in the Elementary Education Math courses. For information on which tutors would be best to help, and when they are working, feel free to see me or the bulletin board outside the lab.

Comments: I will do my best to make a quality presentation each week and, in return, I expect that you will do your best to learn the material presented in lecture videos and in the text. This course will be taught as hands-on as possible, and student participation is necessary (near) daily. It is important that you be actively engaged in any activities. Questions are welcome by email, and I will gladly schedule outside help sessions if necessary. I know that together, these efforts can contribute significantly to your education in this class.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.
http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:
https://www.britannica.com/topic/netiquette

Academic Integrity

Academic Integrity: In order to ensure fairness and high academic standards, any actions which violate the principles of academic integrity through dishonesty or cheating are given serious consideration. In order to understand what constitutes a violation of academic integrity and the consequences of such behavior, the university's policies may be reviewed at: http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf. In particular, awareness of the following definitions is essential in order to know what represents academic dishonesty (pages 6 – 7):

"**Cheating**: Intentionally using or attempting to use unauthorized materials, information, notes, study aids or other devices or materials in any academic exercise. Unauthorized materials may include anything or anyone that gives a student assistance and has not been specifically approved in advance by the instructor."
"**Complicity**: Intentionally or knowingly helping, or an attempting to help, another to commit an act of academic dishonesty."
"**Plagiarism**: The appropriation of another person's ideas, processes, results, or words without giving appropriate credit."
Furthermore, cheating in this course is defined as the following:

- Giving or receiving answers during an exam or quiz.
- Viewing the exam or quiz answers of nearby classmates.
- Having notes/practice work available during quizzes or tests.
- Possession or access to test items before the test is given.
- Deception in getting an excused absence to obtain the undeserved opportunity to make-up work.
- Use of cell phones or text messaging technology during exams or quizzes **(such as iPods, Apple Watch, etc.). IF ONE OF THESE DEVICES IS AVAILABLE, IN ANY WAY, DURING AN EXAM OR QUIZ, THE STUDENT WILL NOT BE ALLOWED TO PROCEED WITH THE EXAM OR QUIZ AND MAY BE SUBJECT TO PENALTIES ON THEIR GRADE.**
- Improper citations in written works or using another person's ideas and words as students own without giving proper credit.
- **Any** method, no matter how well rationalized or accepted, which improves a person's grade by any means other than study and skillful performances on exams and/or other assignments.

While majority of students are honest in doing their schoolwork, due to recent cheating events, action must be taken to protect the academic integrity of classrooms. **There is a NO TOLERANCE policy for cheating, and if a student is caught cheating, the event is subject to reporting and placement on the student's academic record. No grade will be received for any assignments for which cheating occur.**

In summary, students found guilty of an act of academic dishonesty in this course will be subject to the disciplinary actions listed in the university policies. This includes

several possible penalties depending on the severity and number of the incidents, which will be taken into account when specifying disciplinary actions.

Undergraduate Academic Dishonesty 13.99.99.R0.03

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library- Room 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu
Website: Office of Student Disability Resources and Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Counseling Services

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

COURSE OUTLINE / CALENDAR

1351 Online Tentative Schedule (Summer 2022) For Students

	Date	Events	Video Lecture Length
M	**7/11**	C-rods, Pattern Blocks, Intro to Fractions and Partitioning Wholes	(70 minutes) 4 videos
T	**7/12**	Adding, Subtracting, Multiplication and Dividing Fractions	(51 minutes) 2 videos
W	**7/13**	Fraction Applications and Decimals Intro	(59 minutes) 2 videos
R	**7/14**	Common Decimals and their Fraction Representation and More on Decimals	(69 minutes) 2 videos
M	**7/18**	Ratios/Proportions	(41 minutes) 1 video
T	**7/19**	Intro to Percentages and Common Percentages and the Percentometer	(66 minutes) 2 videos
W	**7/20**	Data Representation	(28 minutes) 1 video
R/F	**7/21-7/22**	**Exam 1**	
M	**7/25**	Intro to Probability	(35 minutes) 1 video
T	**7/26**	Probability Continued	(46 minutes) 1 video
W	**7/27**	Introduction to Statistics and Box-and-Whiskers and Stem-and-Leaf Plots	(71 minutes) 2 videos
R	**7/28**	More on Box-and-Whiskers Plot and Intro to Geometry	(53 minutes) 2 videos
M	**8/1**	Geometry Angle Pairs	(40 minutes) 1 video
T	**8/2**	Composite Area and Pythagorean Theorem, Geometry Glossary Review and Proving Statements True or False and Geometry Transformations	(60 minutes) 3 videos
W	**8/3**	Measurements	(26 minutes) 1 video
R/F	**8/4-8/5**	**Exam 2**	
M	**8/8**	Review for the Final Exam	
T	**8/9**	Review for the Final Exam	
W	**8/10**	**Final Exam**	
R	**8/11**	**Final Exam**	

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

***** By Remaining Enrolled In This Course, All Students Agree To Abide By The Policies Of This Class, As Stated In The Syllabus *****

The *syllabus/schedule are subject to change.*