Math 372.01W (41039): Mathematical Structures (online)
(Algebraic Reasoning for Middle School Math Majors)
COURSE SYLLABUS: Summer 1, 2020, 3 semester credit hours

INSTRUCTOR INFORMATION

Instructor: **Dr. Pamela S. Webster**
Office Location: **Binnion 315**
Office Hours: **MW 2:00pm – 4:30pm (online/email/Skype); and by appointment**
Office Phone: **903-886-5950** **Office Fax:** **903-886-5945**
University Email Address: **Pamela.Webster@tamuc.edu**

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Text & Supplement: *Fostering Algebraic Thinking: A Guide for Teachers Grade 6 - 10*, by Mark Driscoll. Published by Heinemann.

Supplies Needed: Basic calculator (graphing calculator preferred TI 84 or lower; higher is NOT allowed for exams) and a three-ring binder or folder for handouts. You may also want a ruler (metric and standard), stapler, and colored pencils. Also, since this is an ONLINE course, you will need to have access to a webcam with a microphone and speakers/headset. If you do not have a webcam, you are welcome to use the built-in camera on your laptop/tablet/phone. Other technology requirements can be found in the "Technology Requirement" section below.

In addition, you'll want to purchase or create your own set of **Algebra Tiles.** Just at a glance, you can purchase a student set of Algebra Tiles at the ETA Hand2Mind website for $2.25 at this link: https://www.hand2mind.com/item/algebra-tiles-plastic-student-set/5136 or I'm sure you can find them at other online sources. If you are purchasing a commercial set, you will most likely want to purchase TWO sets, as we will be working with numbers larger than what one set will allow. You can also cut out a set of foam or construction paper algebra tiles, if you have the appropriate foam or construction paper colors, or you can purchase foam from Walmart or a Craft shop such as Hobby Lobby. I will provide the template if you would like to cut these yourself. However, be aware that you need to be able to make STRAIGHT cuts. You can even cut these out of white printer paper. However, you will need to be able to determine "positives" from "negatives", by coloring papers RED to represent negatives. You will want these by the end of week 2.

Please also use only pens on all exams, so that your work will be dark enough to read once you have uploaded. During the semester, you will have the need to print information from D2L and the content provided. Therefore, you will need access to printing supplies/a printer.

The content for the course will be posted in your MyLeoOnline 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 Math 372 course, you will be able to see each week's module under the "content" options.

Calculators: A graphing calculator is recommended during this course. **I highly recommend a TI-83 or TI-84** be used throughout the course. There will be video demonstrations where I use one of these. If you chose to use a different calculator, please note that the instructor *will not be a good resource for you to be able to use your calculator.*

Course Description:

A study of the algebraic processes, polynomials, equations, inequalities, functions, graphs, and mathematics of finance. (Note: Students should already have substantial skill in many of these areas. The course focuses on underlying concepts and multiple techniques of explaining the concepts; also, extended problem-solving.) Prerequisites: "C" or better in MATH 1351 or 351 or MATH 2414 or 192.

Student Learning Outcomes: Upon successful completion of this course, students will:

- Demonstrate a developed understanding of mathematics
- Make connections of ideas within and between mathematical concepts
- Possess the ability to think algebraically and explain such thinking
- Demonstrate the manipulation of numbers and develop creation of formulas
- Display proficiency in solving problems algebraically
- Demonstrate and Explain the appropriate use of algebraic manipulatives to teach algebraic concepts

COURSE REQUIREMENTS

Minimal Technical Skills Needed:

Students must have a minimal amount of technical skills to be successful in this course. Skills needed include, but are not limited to: using the online learning system (D2L) in MyLeo/MyLeoOnline; using Microsoft Word, Excel, and PowerPoint; and the use of email.

Instructional Methods / Activities/ Assessments

Instructional Methods: Instruction will include lectures, demonstrations and models, and some group and individual work, based on the time available throughout the semester. Hands-on activities and several types of manipulatives will be used throughout. Whenever asked, students will need to take pictures or video their own work with hands-on activities and manipulatives. This course will be taught as an online course using posted lecture videos with activities mixed throughout. In particular, students may be expected to work on projects and activities that deal with statistical software (Excel) and real world applications of the material learned.

Student Responsibilities/ Tips for Success in the Course:

Attendance/Participation: Due to the delivery method for this course, there is no attendance grade as such. Instead, students will be required to perform certain tasks, such as watch videos, take quizzes, and send particular emails/postings in D2L, to show their activity and "participation" in the course. These "daily tasks" will be reflected in your Daily Work grade.

Amount of weekly study: The "rule of thumb" for a math class is that for every hour of class time, you should spend approximately 3 hours of study time outside of the classroom. This study time may include a variety of activities, including but not limited to: re-organizing notes; working on homework; participating in a study group, tutoring, workshops, or Supplemental Instruction session; attending review sessions; and studying for quizzes and exams.

GRADING

Grading Policy:

Section:	Total:
Daily Work (Homework, Quizzes, etc.)	15%
Projects/Reflections	20%
Tests (a total of 3 exams)	40%
Comprehensive Final (optional; see details below)	25%

Grading Scale: Grades will be assigned using the standard scale:

A = 90-100+, B = 80-89.99, C = 70-79.99, D = 60-69.99 F = 59.99 or below

Types of Grades/Assessments:

Daily Work: Homework will be assigned most "class periods". **It is extremely important for you to work all homework in order to be prepared for the exams.** We will also be working on certain supplemental assignments which will often have to be completed individually, after I have begun the activity with you in the videos. The total number of assignments that are completed and turned in (punctually) by the student will be reflected in the Daily Work grade. A grade will be taken on select problems from each homework assignment. **In general, late work will not be accepted.** A missed homework assignment or two, due to legitimate "absence", will not adversely affect your grade as long as you have kept up with all other assignments. **Quizzes:** Both individual and group quizzes may be given occasionally. **In general, NO make-up quizzes will be given**. This class covers enough material that there is no time to be missed/away from the online course that is a "good time", and each quiz will be over material to be emphasized on exams. Quizzes will be averaged into your Daily Work grade.

Please insure that your NAME is on all assignments, printed on the homework page, etc., since they may be separated from D2L and will need to be identified.

All assignments should be completed directly in and/or uploaded into D2L, as mentioned in the "Content" tab for each week. However, there will be occasional assignments that should be emailed to Pamela.Webster@tamuc.edu with the subject line "Math 372 _____", where the _____ indicates the title of the assignment and YOUR NAME. An example would be "Math 372 Locker Problem Pamela Webster".

In addition, please ensure that your name is written on all homework pages so that, when printed so that I can grade them, your name is still attached to the work. (In other words, treat each assignment as you would if you were turning it in during a class period: put your "header" up there!)

Special Class Activities/Projects/Reflections: Special projects will be assigned for students to work on outside of the D2L online class. These projects will vary in their scope and should be completed neatly and punctually. In addition, you will be expected to keep a record of your reflections on the class and its material, as well as your reactions and future uses for the material. Each time you need to do a reflection, a prompt will be given to the class in that day's module. The reflections must be turned in when requested or they will not be graded. In general, late projects and reflections will not be accepted without a documented university excuse. Further information about the projects and reflections will be communicated to you during the semester. Regular attendance on the D2L online class site will assist students with being able to participate in these projects.

Tests: Tests will be given after a complete chapter or subject area. These exams will be announced at least a week in advance. A "window" of time (normally 2 days) will be given when students will be able to plan to take their exams. ***NOTE: TWO OF THESE EXAMS ARE PROCTORED ONLINE (See below), AS NOTED IN THE CLASS SCHEDULE! (ONE IS A DEMONSTRATION TEST THAT REQUIRES THE STUDENT TO VIDEO THEMSELVES USING MANIPULATIVES AND SUBMIT THE VIDEO.)*** In addition, there is a cumulative final exam (see below). The Academic Testing Center (ATC) on the Commerce campus is offering online proctored exams this summer as a service to our students. The ATC requires students to bring a **PICTURE ID** with them in order to receive a proctored exam. Testing slot availability will be limited, so please make plans in advance for when you will take your exams (do not wait until the day of the exam to try to sign up to take your exam.)

There will be TWO "chapter" exams which may consist of a variety of problems and short answer questions, plus ONE "demonstration" exam which will require the student to record themselves working particular problems using manipulatives and to submit that video. In addition, there is a cumulative final exam (see below). In general, students should expect the bulk of the questions on each test to be problem solving. Partial credit may be given on exams IF all work is neatly shown so that I can easily determine the student's mistakes. When pictures are drawn, students should be careful that figures are clearly marked and easily understood. Explanations should be explicit and understandable to the audience given. Items should NOT need interpretation if full credit is to be given. **Tentative test dates (although not in stone) are: week of June 11th (Thursday and Friday) and the week of June 20th (Thursday, Friday, Monday). NOTE: EXAM 3 is to be completed by the beginning of Finals week, PRIOR to the final exam opening on July 1st. PLAN to be AVAILABLE to turn in this exam ON TIME!!**

Replacing a Low Test Grade: 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 attempting a test. However, in general, **make-up exams will NOT be given unless confirmed ahead of time and accompanied by a documented, University excused absence**. Therefore, I am willing to replace the student's ONE lowest exam grade (between exams 1 & 2) with the student's grade on the corresponding portion of the final exam, provided the grade on that section of the final exam is higher. This provision will only be applied to ONE exam, so students should make every effort to attempt and be well-prepared for all exams. Also, please note that the final will NOT replace the video test (test 3). All students MUST submit their video exam according to the directions given in the "Content" area of the D2L course; this grade cannot be replaced or substituted, as this is basically a "take home", individualized exam.

Final: Our final is a comprehensive exam. The exam testing window will open on July 1st and close on July 2nd). ***NOTE: THIS FINAL EXAM IS PROCTORED ONLINE, AS NOTED IN THE CLASS SCHEDULE!*** **Do not expect a makeup exam for the final, outside of times we discuss in class.** Also, please note again that the final will NOT replace the video test (test 3). The final exam should be taken by anyone who would like to improve their grade in the course. However, this summer, our final exam is optional. After we take Exam #3 during the fifth week, you will be able to examine your overall grade in D2L. The grades without the final exam are worth 75% of your total grade for this course. Therefore, we will calculate your score out of 75 points. If you are happy with your grade going into the final exam review, then you will let me know that you are happy with your "current" grade and that will become your "FINAL" grade. You will NOT have to take the comprehensive final exam. If, however, you would like to be able to improve your grade after exam #3 (maybe you missed exam #1, etc...), then you will continue with the Review for Final Exam and I will have a Final Exam ready for you during the final exam period. Thus, you will still be given the option of using the Final Exam to replace your lowest test score. After you have taken the final exam, I will average your score in the original manner for this course: I will take your total grade out of 100 points (or percentage points), like normal. **NOTE:** if you take the final exam, it WILL count for at least 25% of your grade (more if you are able to replace a low test grade). Thus, you need to choose wisely when making your decision about this optional final exam.

TESTING PROCEDURES FOR ONLINE, PROCTORED EXAMS

More information about the online, proctored exams:

This course is being offered fully online, including the exams. As such, all students enrolled in this course will be required to take their exams through the online proctoring provided from the Academic Testing Center (ATC). This service is free to all TAMUC students, but requires the usage of a webcam as well as a stable internet connection. If you do not have a separate webcam, you are free to use the built-in camera in your laptop, tablet, and/or phone in order to fulfill this requirement of the course. The usage of a microphone and/or headset is also recommended for better communication with the proctors. Also, you will want to print exams, if at all possible, as our exams will be partially in D2L and partially pen and paper test. In addition, all proctored exams will be

recorded for your instructor's viewing, in case any discrepancies arise during the testing process. Once our class has scheduled each exam, you will be required to sign up for a testing time with the Academic Testing Center. The ATC is offering their services Mondays 10am - 8pm, Tuesday, Wednesday, and Thursday from 10am - 6pm, and on Fridays from 10am - 2pm. The testing times available will be on the even hours for those days, depending on what that day's ATC hours are, and will last for a two-hour time slot. (Example: If a student needs to test on a Monday, testing times will be at 10am, noon, 2pm, 4pm, and 6pm. However, if a student needs to test on a Friday, the available time slots will only be 10am and noon.)

The first 15 minutes of each testing period are reserved for student check-in, where the testing proctor will check student identification, allow students to print exams if applicable, and assess the student's test taking environment for academic honesty issues. During this time period, each student will be required to have a photo ID available to show to the webcam when the testing period first begins. Exams will begin approximately 15 minutes into the two-hour time slot. Once the exam has begun, new students who were not verified during the first 15 minutes will not be allowed to enter the testing site, thus (hopefully) minimizing interruptions to students who have already begun their exams. Thus, you should be ON TIME for your testing time slot. If you are more than 15 minutes late, you will need to reschedule for a later time slot, assuming there are still available times. If there are no more available time slots, students will need to communicate their situation to their instructor.

Once the exam has begun, testing students will be expected to be within view of their webcam until they have demonstrated for the proctor/show their webcam the exam papers they are submitting by scanning and uploading, if needed for the exam. During this two-hour time slot, students are expected to maintain a stable internet connection. Any internet disruptions may be considered an effort to obtain information in an inappropriate manner. In general, an extended internet disruption will result in a zero on the exam, with the instructor working individually with students on a case-by-case basis. Please speak with the instructor if you have had an extended interruption to your internet service during a proctored exam. More details about this testing process will be shared with the class through the D2L course shell as we near the first exam.

When testing, **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 an approved stand-alone calculator, and only with the instructor's consent. Note: Calculators that solve problems for students, including but not limited to the TI-NSpire, TIi-89, Casio Prizm, Casio Touch, or higher, are **NOT** allowed to be used for exams.

TECHNOLOGY REQUIREMENTS

Instructor Specific Technology Requirements:

- **Calculator:** A TI-83 or TI-84 calculator (or equivalent) is HIGHLY RECOMMENDED for this course.
- **Internet access is REQUIRED**. Due to the use of D2L in MyLeo for homework and content delivery, all students will need to be able to access the Internet, whether through their own computer or access to a computer lab on campus. Projects, etc., will be given online, as well. Information about accessing the course through MyLeo using D2L is given below. In addition, exams will be proctored online and will require a stable internet connection while students are testing.
- **A webcam OR a built-in camera on a laptop/tablet/phone is REQUIRED.** Students will be taking exams in an online, proctored manner, and will need to be able to identify themselves to the proctor, as well as demonstrate the academic integrity of their surroundings while testing.
- **Word processing and spreadsheet software is REQUIRED.** (Microsoft Word and ExCel preferred/compatibility required)
- **Email access is REQUIRED**. Please utilize your A&M-Commerce email address As mentioned above, any assignments turned in should be saved in the format of "Math 372 ____" . In addition, the title of the email should be in the same format. Also, please be sure you are able to receive credit for your work by actually WRITING YOUR NAME ON YOUR WORK. In that way, when your work is printed (and separated from your D2L or email), your name is still attached to your work. Homework pages without identifiable student names may end up in the "no name' pile and require a great deal of work to track down the rightful owner.
- **Video camera/camera access required**. Students will be expected to upload pictures and/or videos of themselves using certain manipulatives and strategies throughout the semester. NOTE: One of the exams is a required video submission. Your laptop/tablet/phone may be sufficient for recording, but you may need to think through some sort of setup to hold the device suspended above your hands, so that you can show the manipulative problems required.
- **Scanner:** A scanner or scan app MUST be used for uploading homework; **NOT just** the camera on your phone or tablet. Homework and other documents must be loaded as .pdf files, **NOT** as .jpg files. This allows for an easy upload and download and clean documents (no black outlines/edges, etc.) I have personal experience with the free app Cam Scanner (a video will be available in the "content" page in D2L), but there are several apps available. Many are free, including the "basic" version of Cam Scanner, even if they ask for money… you should still be able to use the free version for this course. As long as it will load to MyLeo as a .pdf and there aren't a lot of dark edges, extra items in the background, or shadows on the pages, you should be okay.
- **Printer:** You will most likely want a printer and/or printing abilities for many activities and exams.

MyLeo Online Learning Management System (LMS):

D2L in MyLeo: All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the. 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 in MyLeo/D2L:

MyLeo Support: You will need your campus-wide ID (CWID) and password to log into your course in D2L. 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 (library?), etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your instructor:

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.

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

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies:

Getting Help Outside of Office Hours: **The Math Skills Center**, will be offering online tutoring services which can be found in D2L. Contact your instructor for assistance. Available hours during the summer are Monday through Thursday, 10am – 2pm. **Mach III/TRIO Services,** located in the Halladay Student Services building, Room 300, is available to students who meet certain criteria, such as being a first-generation college student, etc. Contact TRIO at 903-886-5833. The **Academic Success Center** offers online tutoring through D2L this summer, as well. Their hours can be found on the university web site.

Comments: I will do my best to make a quality presentation each "class" and, in return, I expect that you will do your best to learn the material presented in "class" and in the text. This course will be taught as hands-on as possible, and student participation is necessary daily. It is important that you be actively engaged in any group activities. Questions are welcome in the "classroom", and I will gladly schedule outside help sessions/Skype/personalized video explanations 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 (See link below). All students are expected to exercise self-discipline and respect for the rights of others at all times. Behavioral disruptions that interfere with the business of the "classroom" or with an individual's ability to learn may be referred to the Dean of Students. Courtesy to others is important. That means respecting the opinions of others, and in general, doing your part to make this a positive learning environment for all students.

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**.** All people will be treated with respect and I will not allow inappropriate online conversation in our D2L course. If disruptions occur during class, you will be asked to leave class and will earn a zero on any applicable grades for that class period. Serial disrupters will be asked dealt with individually, including referral to the Dean of Students.

TAMUC Attendance Policy:
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

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

Academic Integrity:
Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03

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

Graduate Student Academic Dishonesty 13.99.99.R0.10

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf

As stated in the Student Handbook, academic dishonesty in the class will not be tolerated. If any materials or equipment are found to be available to the student at any time which is considered inappropriate by the instructor, the very fact that the materials are inappropriately available to the student is grounds for an accusation of academic dishonesty. The instructor reserves the right to fail the student for the assignment or the course, as well as report the student to the Academic Dean and/or the Dean of Students. They also have the ability to terminate the student's enrollment in the University. The instructor considers this an extremely serious matter. Please make sure you are not in a situation that could be viewed negatively.

I find that a majority of students are honest in doing their school work. However, we must take measures to protect the academic integrity of the classroom**. I have a NO TOLERENCE policy for cheating and if you are caught cheating, you will probably fail that portion of the course, as well as possibly the entire course.** Cheating in this course is defined as (but not limited to) the following:

- Giving or receiving answers during an exam or quiz.
- Viewing the exam or quiz answers of nearby classmates.
- Having notes/practice work/etc. 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/other devices during exams or quizzes. **You may not use the calculator on your cell phones.**
- Improper citations in written works, or using another person's ideas and words as your own without giving proper credit.
- **Any** method, no matter how well rationalized or accepted, which gives an unfair advantage and/or improves a person's grade by any means other than study and skillful performances on exams and/or other assignments.

Students found guilty of an act of academic dishonesty in this course will be subject to receiving an "F" in this course, as well as the below-mentioned disciplinary actions, as deemed appropriate.

Specific additional disciplinary action for these offenses may include any combination of the following:

Point deduction of an assignment
Failure of an assignment
A grade of zero for an assignment
Failure of this course
Referral to the Academic Integrity Committee or department head for further action
Referral to the Dean of the College of Science and Engineering, and other Deans as appropriate
Referral to the University Discipline Committee

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: Student Disability Resources & Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

Non-Discrimination 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.

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.

COURSE OUTLINE/CALENDAR

Topics Covered (tentative schedule):
NOTE: **This is the entire 16-week course pushed into a very short, very FAST PACED 5-week course. There will be multiple assignments each day, based on what constitutes a "normal" class period. It is *highly important that all students stay on top of their DAILY assignments!!***

- Day #1 (June 1)- Syllabus, Intro to the course, Algebraic vs. Arithmetic thinking, Locker Problem
- Day #2 (June 2) – Continue the Lock Problem and Algebraic thinking
- Day #3 (June 3) – Continue Algebraic thinking, Recognizing patterns
- Day #4 (June 4) - Sequences (Geometric and Arithmetic).
- Day # 5 (June 8) – Continue Sequences and Series and begin Infinite Sequences and Series
- Day #6 (June 9) – Wrap up Sequences and Series
- Day #7 (June 10) - Review for Exam 1 and Exam 1 opens
- Day #8 (June 11) - Exam 1 available Thursday and Friday (closes on Friday) and Begin Graphing and Representing Functions Exam 1 closes.
- Day #9 (June 15) – Continue Graphing and Representing Functions
- Day #10 (June 16)- Balance Logic and Bug Collections and Other Logic Problems
- Day #11 (June 17) – Begin Integer Arithmetic and Polynomial Operations
- Day #12 (June 18) – Wrap up Integer Arithmetic and Polynomial Operations and Review for Exam 2 and Exam 2 opens. Exam 2 available Thursday, Friday, and Monday (closes on Monday).
- Day # 13 (June 22) - Exam 2 closes. Begin Algebra Tiles & Factoring using Algeblocks
- Day #14 (June 23) - Continue Algebra Tiles & Factoring using Algeblocks
- Day #15 (June 24) – Wrap up Algeblocks: Solving Equations using Algeblocks
- Day #16 (June 25) – Wrap up & Exam 3 opens/sent to students (Demonstrating the use of Algeblocks/Algebra Tiles)
  **NOTE: THIS EXAM IS DUE BEFORE THE FINAL EXAM opens on July 1st **
- Day #17 (June 29) - Group operations and Modular Arithmetic.
- Day #18 (June 30) – Wrap up Modular Arithmetic and Review Day for Final Exam.
  Exam 3 must be Submitted by this Date. Final Exam opens.
- Day #19 (July 1) – Final Exam (Note: Available on July 1st and July 2nd – opens on Wednesday morning
- Day #20 (July 2) – Final Exam (Note: Available on July 1st and July 2nd – closes on Thursday evening.) Final Exam closes.

Remaining enrolled in this course constitutes acceptance of all policies contained in this syllabus.

Any changes to this syllabus and/or schedule will be communicated directly to you in class by the instructor. You are responsible for being aware of any such changes.

Good luck and work hard!!