TEXAS A&M UNIVERSITY
COMMERCE

Math 120.01E: Foundations of Mathematics for Non-STEM Majors
COURSE SYLLABUS: Fall 2024
SPECIAL NOTE: THIS COURSE IS A CO-REQUISITE MODEL COURSE.
ALL STUDENTS MUST ALSO BE ENROLLED IN A SECTION OF MATH 1332 or 1342!!

INSTRUCTOR INFORMATION

Instructor: Rebecca Steward
University Email Address: Rebecca.Steward@tamuc.edu   **Office Location:** Binnion 314
Office Hours: Mon 1:45-3:30, Tues 12:15-1:45, Wed 1:45-3:30, or by appointment
**Office Phone:** 903-886-5951   **Office Fax:** 903-886-5945
Preferred Form of Communication: Email
Communication Response Time: Within 48 hours, unless over a weekend, holiday, or during school
                                     cancellation, such as bad weather days.

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Text & Supplement: This semester, the homework is being offered online, through your MyLeo. When you enrolled in this course, MyMathLab was integrated into your MyLeo account. There is NO NEED for you to purchase an access code, as it is being directly charged to you through a materials fee in your tuition and fees schedule. To access your homework, 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 the "MyLab Math" link under the content options. Once   inside the "MyLab Math" tab, you may have to click on the option for the "MyLab Math Homework" to get into the course home page.

NOTE: If for some reason you chose to opt-out when enrolling, you will need to opt back in. If you have difficulties finding the email, etc., to opt back in, speak with your instructor and/or the course coordinator about your access to the online homework. This access must be re-instated through the Bookstore BEFORE the census date in order for you to have access to homework.

You will need a notebook for taking notes and storing handouts, major quizzes, etc. All turned-in work must be done in pencil. I strongly recommend using at least a scientific calculator for this class as we move further in the material. As the course progresses, the use of a TI-83 or TI-84 is recommended (TI-89 and Inspire are not allowed). You will also want the TI calculator for your college-level course. In order to be able to do the online homework component, you will need access to the Internet.

Course Description:

Foundations of Mathematics for Liberal Arts Majors. Intended for Non STEM (Science, Technology, Engineering, and Mathematics) majors. In particular, students who are majoring in fields considered to be in the "liberal arts" (students who will not be continuing in an Algebra-intensive math pathway), and who are not TSI complete, will take this course. Course topics include: Basic algebraic operations, equations and inequalities, polynomials, functions, rational expressions, exponents and radicals, quadratic equations, and graphing. The course helps prepare students for further study at the level of college mathematics, particularly in first year, non-STEM math courses. This course is considered developmental and may not be used to satisfy any mathematics or degree requirements. This course is being used as a co-requisite course to support students in their study at the college level of mathematics, specifically in Contemporary Mathematics or Elementary Statistics.

Student Learning Outcomes: Upon successful completion of this course, students will:
1. The student will be able to view, interpret, and create graphics, tables, and multiple representations appropriately.
2. The student will demonstrate knowledge of arithmetic and basic algebraic concepts such as

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operations with fractions and decimals, order of operations, and basic set notation.

3. The student will be able to accurately interpret and utilize algebraic concepts such as subscripts, summation symbols, and formulas.
4. The student will be able to effectively work with radical and rational expressions, particularly within formulas utilized in the college-level course.
5. The student will demonstrate a mastery of counting techniques and a sense for the beauty of mathematics in the world around them.
6. The student will be able to navigate successfully in the college-level math course

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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; using Microsoft Word, Excel, and PowerPoint; and the use of email.

Instructional Methods:
Instructional Methods: Instruction will include lectures, demonstrations and models, and some group and individual work, based on the time available throughout the semester. In particular, students will be expected to work on projects and activities that deal with real world applications of the material learned.

Student Responsibilities/ Tips for Success in the Course:
Attendance/Participation: I will be taking roll every class. All students are expected to be present, and attendance will be reflected in your Daily Work grade. In addition, students must participate in class each day in order to receive full points for this category. If you miss a class, come see me for any missed assignments. **Please do not approach me as I am beginning a class period**, unless it is an emergency, so that we might start ON TIME. Please be in your seat and ready to work when class begins. **Class Participation:** In addition, students must participate in class each day in order to receive full points for this category. **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. Attendance will also be given for completing assignments in D2L.

GRADING

Grading Policy:

Type of Assessment:	Portion of the Grade:
Daily Work (Homework, Daily Quizzes, Attendance)	15%
Projects/Activities	10%
Major Quizzes (4 major quizzes; 12.5% each)	50%
Comprehensive Final	25%

Note: students who attend tutoring at a school-sponsored tutoring location for 12 or more hours during the semester will have TWO POINTS added to their final average. This is HUGE; it is approximately the equivalency of 20 points on a Major Quiz. You should take advantage of this opportunity!! It will sometimes mean a letter grade difference. ☺

Grading Scale: Grades will be assigned using the standard scale:
Note: All developmental math grades are reported with an "R" in front of them to signify that they are not college-level.
        90-100+ RA; 80-89.9 RB; 70-79.9 RC; 60-69.9 RD; 59.9-below RF
A grade of "C" (RC) or above must be achieved to continue to a college-level stand-alone course such as Math 1332, or 1342 in the next semester. Otherwise, the co-requisite model will be repeated.

Types of Grades/Assessments:
Daily Grades:
 The daily grade is composed of several categories of assessments, including attendance, participation, homework, and quizzes.

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Attendance/Participation: I will be taking roll every class. All students are expected to be present, and attendance will be reflected in your Daily Work grade. In addition, students must participate in class each day in order to receive full points for this category.

Homework: 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.** Homework can be accessed through your MyLeo portal in the app for "MyLeo Online (D2L Brightspace)". 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, NO late work will be accepted without appropriate documentation of a University-accepted absence.** A missed homework assignment or two, due to legitimate absence, will not significantly adversely affect your grade as long as you have kept up with all other assignments.

Daily Quizzes: Throughout the semester, daily quizzes may occur and these grades will be averaged with your attendance, participation, and homework to create a "daily grade". In general, these quizzes must be taken the day assigned. These quizzes may occur in class or on D2L.

Projects/Class Activities: Problems in the course material that have interesting applications for the class and real life will be introduced periodically into the class discussion. Regular attendance will assist students with being able to participate in these activities and projects. These projects will vary in their scope and should be completed neatly and punctually.

Assignments or Projects: Students should scan and upload all assignments or projects into D2L, when instructed to do so by their instructor, as .pdf files. See information below about scan apps.

Major Quizzes: There are four scheduled Major Quizzes that will be given around every 2 - 4 weeks, offering "small chunks" to test over, rather than fewer exams covering more material. These will be given after completion of each chapter or section of material covered.

Replacing a Low Major Quiz 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 major quizzes 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 major quiz grade 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 major quiz, so students should make every effort to attempt and be well-prepared for all major quizzes.

CELL PHONES AND OTHER SUCH DEVICES MUST BE TURNED OFF AND STORED OUT OF THE STUDENT'S REACH DURING A MAJOR QUIZ. The only electronic device allowed during major quizzes and daily quizzes is an approved, stand-alone calculator (such as a scientific calculator, TI-34, TI-83, TI-84, etc.), and only with the instructor's permission. Note: Calculators that solve problems for students, including but not limited to the TI-NSpire, TI-89, Casio Prizm, Casio Touch, or higher, are **NOT** allowed to be used for exams.

Major Quiz Schedule:
Major Quizzes will be given at regular (as regular as possible) intervals throughout the semester, whenever a section of material is complete. Testing dates are tentative and subject to change: **See agenda on last page for testing dates**.
Final: The final exam will be a comprehensive exam. All students will take the two-part exam during the last week of school before final exams. This will allow students to concentrate on studying for their college-level math course's final exam which is scheduled for the week of final exams, according to the Final Exam Schedule. Please note that this is an unusual time and make appropriate arrangements to be in attendance during the last week of classes so that you may take this two-part exam. Do not expect a make-up exam for the final exam. Please pay attention in class for more details.

The expectation is that this is a face to face course and students will take major quizzes and the final exam in class with their instructor. However, under special circumstances, students may be able to use the face to face testing center on campus. Details will be provided when necessary.

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A webcam OR a built-in camera on a laptop/tablet/phone is REQUIRED. Should our course be forced online due to the current public health setting, or should a student contract a communicable illness, testing will be done in an online, proctored manner, and students will need to be able to identify themselves to the proctor, as well as demonstrate the academic integrity of their surroundings while testing. In addition, it may be necessary to communicate with your instructor through an online video chat service, such as Zoom at that time, students will need to be able to capture their own image and share with the teacher.

TECHNOLOGY REQUIREMENTS

Instructor Specific Technology Requirements:
- **MyLabMath for Homework:** Due to the use of MyLab Math for homework, all students will need to be able to access the Internet, MyLeo, and D2L, whether through their own computer or access to a computer lab on campus. Other electronic devices such as Cell Phones, Bluetooth headsets, iPods, iPads, Laptops, e-Cigarettes, and other devices as determined by the instructor and/or department, are NOT allowed to be used in this course.
- **Calculator:** A calculator will be useful in this course. If you are looking for a graphing calculator, a TI-83 or TI-84 calculator (or equivalent) is RECOMMENDED for this course. Otherwise, a scientific is ok. Other electronic devices such as Cell Phones, Bluetooth headsets, iPods, iPads, Laptops, e-Cigarettes, and other devices as determined by the instructor and/or department, are **NOT** allowed to be used in this course.
- **Internet access is REQUIRED**. Projects, etc., may be given online. If you use the ebook, you will need to be able to access the site.
- **Word processing software is REQUIRED.** (Microsoft Word preferred/compatibility required)
- **Email access is REQUIRED**. Please utilize your A&M-Commerce email address

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.

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
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, etc.

COMMUNICATION AND SUPPORT

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.

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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

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COURSE AND UNIVERSITY PROCEDURES/POLICIES

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Course Specific Procedures/Policies:

Attendance and Continual Enrollment:
Math 120 in a non-credited course and each student must receive a "C" (RC) or higher to move on to a stand-alone college-level math course in the next semester, if they do not pass both of the co-requisite math courses this semester. Due to the nature of this course, **attendance is a must to pass this class**. I will take roll every class period and it is expected that you follow the guidelines set forth by the Class Attendance Policy in the current Undergraduate Catalogue. Your attendance, along with your quiz average, homework, projects, tutoring, and special activities, will make up your "daily grade" for this course.

Also, all students should be aware that they are NOT allowed to drop a developmental math course, and that they must be continually enrolled in a math course until they have successfully completed their college-level math course. In addition, beginning Fall 2018, the state of Texas is requiring all Institutions of Higher Education to use the **"co-requisite model"** for all developmental courses. Thus, if you are enrolled in this course, you are ALSO enrolled in a college-level math course, for a total of SIX hours of math this semester. Therefore, all students should take this course seriously and make every effort to be in attendance and to be successful on the daily assignments and exams.

Tutoring:
Due to the math-intense nature of these courses, EVERY Math 120 student should attend tutoring in order to receive help in areas of math where the student may feel uncertain. Available tutoring:

Instructors Office Hours: Listed at the top of the syllabus

Mach III/TRIO Program: The Mach III/TRIO Program is available for students who qualify for additional resources, such as private tutoring. Students may qualify by meeting a variety of conditions. For instance, one way to qualify is by being a first-generation college student. For more information, contact TRIO at 903-886-5833 or in the Halladay Student Services building, Room 301.

Math Skills Center: The Mathematics department has a Math Skills Center (Binnion 328) that is available to all students. **Hours: Mon-Thurs 10am – 6pm, Fri 10am – 2pm.** Computer tutorials, video libraries and live tutors are there to help you with all subject matter in this course. I encourage you to take full advantage of this FREE service.
Academic Success Center: Tutoring in the library. See the university web site for schedules.
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 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 Illness:
Students should not attend class when ill or after exposure to anyone with a communicable illness. Communicate such instances directly with your instructor. Faculty will work to support the student getting access to missed content or completing missed assignments.

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 https://www.tamuc.edu/student-code-of-conduct/. 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. NOTE: This includes images and/or messages on face masks and/or facial coverings.

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

Appropriate classroom behavior is required to attend this class. *All cell phones and other such devices must be put on silent or turned off during class.* Phones are a distraction for me and the other students in the class. NOTE: THIS INCLUDES BLUETOOTH AND OTHER DEVICES THAT ARE PLACED IN THE EAR. All people will be treated with respect and I will not allow talking that will disrupt my lectures. If disruptions occur during class lectures, 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. If you are withdrawn from this course as a result of disruptions, you will be withdrawn from school, entirely.

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: http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.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 major quizzes.
- Possession or access to quiz or major quiz items before the assessment 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 or any other similar electronic devices (such as I-Pods, I-Touch, etc.). IF ONE OF THESE DEVICES IS AVAILABLE IN ANY WAY DURING AN EXAM OR QUIZ, THE STUDENT WILL BE GIVEN AN AUTOMATIC "0" ON THE ASSIGNMENT.**
- Improper citations in written works, or using another person's ideas and words as your own without giving proper credit.

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- **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.

<u>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.</u>

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

AI Use Policy

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors 'guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.
13.99.99.R0.03 Undergraduate Academic Dishonesty
13.99.99.R0.10 Graduate Student Academic Dishonesty

Early Intervention and Grade Reporting for First Year Students:

Early intervention for freshmen is designed to communicate the University's interest in their success and a willingness to participate fully to help students accomplish their academic objectives. Grades for students in freshmen level classes will be reported to the Registrar's Office at the end of the fifth week of class during the fall and spring semesters.

The Registrar's Office will report grades to students, Advising Services, Academic Departments (faculty advisors), and mentors. This procedure will allow students to be knowledgeable about their academic progress early in the semester. The university, through Advising Services, faculty advisors, and mentors, will take steps to assist students who may be experiencing difficulty to focus on improvement and course completion. Grade reports should be posted by the end of the sixth week of the semester.

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:

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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

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Email: StudentDisabilityServices@tamuc.edu   Website: https://www.tamuc.edu/student-disability-services/

A&M-Commerce Supports Students' Mental Health

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**

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.

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!!

Topics Covered (tentative schedule): Tentatively, the following content will be covered during the following weeks. Changes to this schedule will be made during class, if needed. **NOTE: THIS SCHEDULE IS VERY SUBJECT TO CHANGES!!**

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COURSE OUTLINE/CALENDAR

Wk	Day	Date	Events	Study
1	M	8/26	Syllabus, Path to Pass, Introduce D2L and MyLab Math Homework, Pre-req Material 1	
	W	8/28	Sets, Venn Diagrams, Assign Venn Diagram Project Due in 1 week. **Activity Page:** Venn Diagrams	
2	M	9/2	**Holiday - Labor Day No Classes**	
	W	9/4	Tree Diagrams, Graphs, Tables, **Activity Page:** Tree Diagrams	Study for Pre-req quiz 1
3	M	9/9	**Review Major Quiz 1, Pre-req quiz 1**	Take pre-req quiz 1 Turn in Major Quiz 1 Review
	W	9/11	**Review Activity, Major Quiz 1**	Take Major Quiz 1
4	M	9/16	**Pre-Re Review 2**: Fraction Operations (like and unlike denominators), Reducing Fractions, Rounding, Evaluate Expressions, Compare Decimals, **Activity page:** Expressions	
	W	9/18	Percent & Decimals, Simple & Compound Interest, **Activity page:** Interest	Study for Pre-req quiz 2
5	M	9/23	**Review Major Quiz** (use in class review), **Pre-req quiz 2 No calculators,** (extra time – allow students to work on their bonus review)	Take Pre-req quiz 2 Turn in Major Quiz 2 review
	W	9/25	**Review Activity, Major quiz 2**	Take Major Quiz 2
6	M	9/30	Subscript Notation, Summation Notation, **Activity page:** Summation	
	W	10/2	Factorial Notation, Fundamental Counting Principle **Activity page:** Factorial notation and Fundamental Counting Principle	
7	M	10/7	Reduce inside radicals (square roots), At most At least, **Activity page:** reducing radicals, at most at least	
	W	10/9	Estimation, Dimensional Analysis, **Activity page:** Estimation and dimensional analysis	
8	M	10/14	**Review Major Quiz** (use in class review) (extra time – allow students to work on their bonus review)	Turn in Major Quiz 3 review
	W	10/16	**Review Activity, Major quiz 3**	Take Major Quiz 3
9	M	10/21	**Activity page:** Arrange Furniture (dimensional analysis)	
	W	10/23	**Activity page:** Buy a Car Project	
10	M	10/28	Prime and Composite Numbers, **Activity:** 100 Board, Prime factorization	
	W	10/30	Rules of Divisibility, **Activity page:** Rules of divisibility	
11	M	11/4	**Activity page:** Divisibility rules examples, **Activity page:** Use rules of divisibility	
	W	11/6	Fibonacci – Beauty of Math ppt, Sequences, **Activity page:** Sequence	
12	M	11/11	**Review Major Quiz** (use in class review) (extra time – allow students to work on their bonus review), Discuss Spiral activity	Turn in Major Quiz 4 review
	W	11/13	**Review Activity, Major quiz 4**	Take Major quiz 4
13	M	11/18	**Activity page:** Fibonacci Spiral – Draw and decorate	
	W	11/20	Review for Final Exam	Study for Final exam
14	M	11/25	Review for Final Exam	Study for Final exam
	W	11/27	**Holiday - Thanksgiving No Classes**	
15	M	12/2	**Final Exam part 1 – (MQ 1 and MQ 2 material)**	Take Final part 1
	W	12/4	**Final Exam part 1 – (MQ 3 and MQ 4 material**	Take Final part 2
16	M - F	12/9	****** 1332 AND 1342 FINAL EXAMS DURING THE WEEK ******	see final exam schedule

Mission for College of Science and Engineering: Innovation and Discovery
Mission for the Department of Mathematics: Discovering the Keys to Success