TEXAS A&M UNIVERSITY
COMMERCE

Math 131.06E Intermediate Algebra
COURSE SYLLABUS: Fall 2024, 3 semester credit hours
SPECIAL NOTE: THIS COURSE IS A CO-REQUISITE MODEL COURSE.
ALL STUDENTS MUST ALSO BE ENROLLED IN A
SECTION OF MATH 1314 or 1324!!

INSTRUCTOR INFORMATION

Instructor: Laura Beene   **Office Phone: 903-886-5946**
University Email Address: laura.beene@tamuc.edu   **Office Location:** Binnion 311
Office Hours: MWF 11-12 pm, M 1 – 2 pm, T 8:30 – 9:30 am **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, MyLab Math 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 Math 131 course,   you will be able to see the "MyLab Math" link under the content options. Once inside MyLab Math,   you may have to click on the option for the MyLab Math Homework in order to do your work.

   NOTE: **If for some reason you chose to opt-out when enrolling, you will need to speak with your instructor and/or the course coordinator about your access to the online 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 highly 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.

OPTIONAL: The book we will be using is *Intermediate Algebra*, 8th Edition by Martin-Gay. We will cover selected portions of this text. If you are a student who needs or wants a hard copy of the book, you will purchase this book.

Course Description:
Intermediate Algebra. This course may not be used to satisfy any mathematics or degree requirements. This course covers: Basic algebraic operations, equations and inequalities, polynomials, functions, rational expressions, exponents and radicals, quadratic equations, and graphing. This course is being used as a co-requisite course to support students in their study at the level of college mathematics, specifically in College Algebra or Business Mathematics.

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Student Learning Outcomes: Upon successful completion of this course, students will:
1. The student will be able to demonstrate their knowledge and application of basic algebraic concepts, as well as demonstrate an ability to think algebraically.
2. The student will demonstrate an ability to represent, model, and analyze expressions, equations, functions, and relationships.
3. The student will be able to proceed to the college-level course and be successful.

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; internet access (necessary if the student is ill and cannot come to class), 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 statistical software (Excel) and real world applications of the material learned. If a student is ill, the lectures and coursework will be communicated through video lectures, video conferencing, and email.

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 are ill, please DO NOT attend class in person. There will be a virtual option in this case, so please email me to find out more information. 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.

GRADING

Grading Policy:

Type of Assessment:	Portion of the Grade:
Daily Work (Homework, Quizzes, Projects, Tutoring etc.)	25%
Major Quizzes (4 major quizzes; 12.5% each)	50%
Comprehensive Final	25%

Note: There will be an option for extra credit during week 15 of the course.

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

> Note: All Intermediate Algebra 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-below RF

A grade of "C" (RC) or above must be achieved to receive credit for the course. Otherwise, the co-requisite model will be repeated.

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Types of Grades/Assessments:

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Daily Grades:
 The daily grade is composed of several categories of assessments, including attendance, participation, homework, and quizzes.
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 are ill, virtual attendance will count as participation in class.
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.
Quizzes & Special Activities: Throughout the semester, there will be quizzes. These grades will be averaged with your attendance, homework, and projects to create a "daily grade".   In addition, there will be special activities incorporated into the course. These activities may be developed into project-type activities and will also be counted in your "daily grade". In general, these quizzes must be taken the day assigned.
 Class Activities/Projects/Reflections: 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.
In addition, please ensure that your name is written on all homework and quiz pages so that, when graded, you will receive proper credit for your work.
Tutoring: Attending tutoring will be counted as part of your daily grade. Students are required to spend at least 12 hours for tutoring this semester. Students can choose to attend tutoring in the Math Skills Center, TRIO, Supplemental Instruction sessions, library walk-in tutoring, university provided online tutoring, and other official tutoring sessions that are offered by the university.
Major Quizzes: There are four scheduled Major Quizzes that will be given around every 3-4 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. **In general, I do not give any make-up major quizzes unless pre-arranged and accompanied by a documented University-excused absence**. Instead, I will allow each student to replace their lowest major quiz score by using the percentage scored on the final exam's related section of material (if the section on the final exam results in a higher grade for you). Use this benefit wisely--this provision will only be applied to ONE major quiz grade. ==**Students will take exams in class with instructors**==

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 tests and 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. All major quizzes must be completed in pencil.

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. Tentative testing dates are as follows, but subject to change:

Major Quiz 1 – Week of 9/16;   Major Quiz 2 – Week of 10/7;
Major Quiz 3 – Week of 10/28;   Major Quiz 4 – Week of 11/18
Final: The final exam will be a comprehensive exam. All students will take the two-part exam during the week before Finals week. 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.

TECHNOLOGY REQUIREMENTS

Instructor Specific Technology Requirements:

MathXL for Homework: Due to the use of My Lab 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 highly RECOMMENDED for 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, or make me aware of your alternate email address.

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

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

MyLeo Online Learning Management System (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
Zoom Video Conferencing Tool
https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

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

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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.

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:

Attendance and Continual Enrollment:
Math 131 in a non-credited course and each student must receive a "C" (RC) or higher to move on to Math 1314, 1324, 1342, or 1332. 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 131 student should attend tutoring in order to receive help in areas of math where the student may feel uncertain.

- 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 & Wed: 10am – 8pm; Tues & 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:

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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 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

TAMUC Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedures 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
Undergraduate Student Academic Dishonesty Form
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf
Graduate Student Academic Dishonesty Form
http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf
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
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148

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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.

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**

Mental Health and Well-Being
The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.

http://telusproduction.com/app/5108.html

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

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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

COURSE OUTLINE/CALENDAR

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!!**

Week	Date	Topic
1	8/26	Syllabus, Introduction, Review Material on Interval Notation, Solving for a Variable, Slope, x, y – intercepts, Multiplying Polynomials
2	9/2	**Labor Day Holiday (No Class Meeting)** Factoring
3	9/9	Factoring, Linear Inequalities, Review,
4	9/16	**Major Quiz #1**, Simplifying Radicals, Complex Numbers,
5	9/23	Solving by Square Root , Quadratic Formula, Domain of Rational Functions,
6	9/30	Solving Quadratics Review, Intro to Polynomials, Review
7	10/7	**Major Quiz #2,** Exponent Rules, Distance & Midpoint
8	10/14	Rational Exponents, Operations with Radicals
9	10/21	Operations with Radicals, Rationalizing the Denominator,
10	10/28	Review, **Major Quiz #3,** Solving Radical Equations
11	11/4	Interest Word Problems, Completing the Square
12	11/11	Multiply and Divide Rational Expressions, Review
13	11/18	**Major Quiz #4,** Review for Final Exam for Developmental Math Course
14	11/25	Review for Final Exam for Developmental Math Course, **Thanksgiving Holiday (No Class Meeting)**
15	12/2	**Final Exam Part 1 & 2**
16	12/9	**FINAL EXAM IN COLLEGE-LEVEL COURSE; SEE SYLLABUS FOR THAT COURSE!! ***NOTE: Special Time!!***

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