

**MATH 1315-003**  
**College Algebra for Economics and Business Analysis**  
**SPRING 2014**

- Time and Place:** MoWeFr 10:00–10:50 AM, PKH 113
- Instructor:** Roberto Ku-Carrillo
- Office:** PKH 317
- Contact Information:** [robertoc@uta.edu](mailto:robertoc@uta.edu); Ph: 817-272-0611, or talk to me **after class**.
- Office Hours:** MoWe: 1:30–2:30 PM, after class, and by appointment.
- Course Description:** Topics include sets, exponents, factoring, algebraic fractions; linear equations/inequalities, linear functions, system of equations, quadratic functions, parabolas; matrices, matrix multiplication, linear programming; probability, conditional probability, Bayes formula, permutation/combination. The topics presented will be solved using algebraic, graphical and numerical approaches.
- Prerequisite:** MAT score of at least 11
- Required Material:** *Mathematical Applications for the Management, Life, and Social Sciences, 10<sup>th</sup> Edition*; by Harshbarger and Reynolds; Brooks/Cole, Cengage Learning. Accompanying weassign packet is mandatory, **Class Key: uta 5352 6935** in <http://www.weassign.net>
- Calculator:** **Graphing calculator is strongly suggested** but, the student is **expected to know how to operate the calculator**.
- Attendance:** Although attendance will not be taken, it is nonetheless **mandatory**. Remember that you must **attend to class** so that I can help you understand the material; and you must **do the homework** so that you can actually **learn** the material.
- Homework (HW):** The HW grades not count toward the final grade but strongly suggested. Odd-numbered exercises will be assigned in guidance with the departmental **Assignment Sheet** for this class **available at** [http://www.uta.edu/math/pages/main/assignments/Math\\_1315.pdf](http://www.uta.edu/math/pages/main/assignments/Math_1315.pdf). Do the online homework assignments. It has an unlimited attempts, provides instantly feedback, guided solutions and tutorials.
- Testing:** There will be **5 quizzes** and one **departmental Final Exam**. The tests and exam content distribution will be *tentatively* as follows:  
Exam 1: 14% Chapter 0, Friday, 1/31/14  
Exam 2: 14% Chapter 1, Friday, 2/21/14  
Exam 3: 14% Chapter 2, Friday, 3/7/14  
Exam 4: 14% Chapter 3 (Section 4.1 included) 4/4/14  
Exam 5: 14% Chapter 7, 4/25/14  
The lowest exam (from 1-5) will be dropped.

Departmental **Final Exam: Comprehensive**, on **Saturday, May 3th**. Location is TBA.

**Tentative Schedule spring 2014:**

<b>Dates</b>	<b>Sections</b>
Jan 13-21	0.1-07
Feb 1-21	1.1-1.6
Feb 22-Mar 3	2.1-2.4
March 3-April 4	3.1-3.4, 4.1, 4.2
April 5 – April 25	7.1 -7.6

**Course Grading:** Numerical Course Grade = **0.7(Q1 + Q2 + Q3 + Q4 + Q5) + 0.3(Final Exam)**

Using the usual Letter Grade Distribution: **90-100: A; 80-89: B; 70-79: C; 60-69: D; 0-59: F**

**Help:** UTA's **MATH CLINIC** is located in **325 Pickard Hall** offers *free tutoring and calculator training*, as well as access to Student Solutions Manuals. To check the Clinic's Hours for this semester, you can call 817-272-5674 or visit <http://www.uta.edu/math/clinic/>. You may also see the Instructor during his Office Hours or make an appointment for an alternate time if these hours conflict with your own schedule. Also, the Instructor will usually allocate the first few minutes of class to answer any questions regarding previous homework assignments.

**Classroom Etiquette:** Please observe the following behavior policies **during class time**.

- All **electronic devices**, e.g., Laptops, Tablets, cell/smart **Phones MUST be TURNED OFF**.
- If a student is found **using** his/her cell/smart phone during class time, the student will be **asked to leave** the classroom, and he/she will do so in as **quiet** a manner as possible.
- Please use the **restroom before class time**. In case of an emergency, permission is granted.
- **Do not leave the classroom to drink water**; do so before class time or bring a water bottle.
- **Do not leave the classroom to make phone calls** unless the instructor is notified in advance.
- **No eating** in the classroom is permitted *if* the **packaging makes noise** when opened or used.
- **Earphones** may not be used during class time.
- Please **refrain from talking** with your classmate sitting next to you. If this becomes an issue in that it happens on more than two times with their corresponding warnings, then the students involved will be asked to **sit separately** during the remaining of the semester.

**Important Dates:**

Monday, January 20th	Dr. MLK Jr. Holiday
Wednesday, January 29th	Census Date (Deadline for makeup requests for all exams)
Monday-Friday, March 10-14	Spring Break
Friday, March 28th	Last day to drop a class
Friday, May 2nd	Last day of classes
Saturday, May 3rd	Departmental final exam

**Drop Policy:** Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance.** Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://wweb.uta.edu/aao/fao/>).

**Americans with Disabilities Act:** The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability) or by calling the **Office for Students with Disabilities at (817) 272-3364**.

**Academic Integrity:** Students enrolled in this course are expected to adhere to the **UT Arlington Honor Code**:

*I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*

*I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

**UT Arlington faculty members may employ the Honor Code** as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents' Rule* 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

**Student Support Services:** UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at **817-272-6107**, send a message to [resources@uta.edu](mailto:resources@uta.edu), or view the information at [www.uta.edu/resources](http://www.uta.edu/resources).

**Electronic Communication:** UT Arlington has adopted **MavMail** as its **official means to communicate with students** about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All **students are** assigned a MavMail account and are **responsible** for **checking the inbox on a daily basis**. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>.

**Student Feedback Survey:** At the end of each term, students enrolled in classes categorized as "lecture," "seminar," or "laboratory" shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

**Emergency Exit Procedures:** Should we experience an **emergency** event that requires us to vacate the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, one should **never** take an **elevator** but should **use the stairwells**. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

Note: *Permanence in this course by the student signifies that he/she agrees unconditionally with all Grading, University, and Classroom Etiquette policies stated in this class syllabus.* If the student does not agree with one or more of the above-mentioned policies, then he/she is encouraged to drop the course and take it under a different instructor.

*As the instructor for this course, I reserve the right to adjust the above schedule in any way that serves the educational needs of the students enrolled in this course. –Roberto Ku-Carrillo.*

