Syllabus

MA244-02:	Tuesday, Thursday 5:30-6:50pm, Shelby Center 158
Text:	<u>Elementary Linear Algebra,</u> seventh edition, Ron Larson. ISBN: 1-285-13301-3

Supplement:	<u>MATLAB; Student Version</u> (optional)
	Online Technology guide
	Online Study Center

Supplies:	Current I.D for access to computer labs

Instructor:	Dongsheng Wu
	Office: SC201J
	Office hours: Tuesday, Thursday 9:00am– 12:00pm.

Phone:	256-824-6676
Email:	dongsheng.wu@uah.edu
URL:	http://webpages.uah.edu/~dw0001

Prerequisites:	MA 172 or above.
Objectives:	This course is intended to teach skills such as solving linear systems, manipulation of matrices, determinants, etc. It is also intended to broaden the student's ability to understand "abstract" concepts such as vector spaces, linear transformations, etc. This term we will also be using the computer software MATLAB with the objectives of illustrating MATLAB's capabilities and emphasizing some linear algebra theories. We will cover most sections of Chapters 1-7.

Evaluation:

I. 10% of your grade will come from MATLAB assignments.

II. 10% of your grade will come from homework assignements.

III. 20% of your grade will come from weekly quizzes.

IV. 30% of your grade will come from the average of three (3) major exams. Make ups for major exams will be given for verified emergencies only. Call **BEFORE** you miss an exam. Make up exams are considerably more difficult. **Three exams are scheduled on Thursdays, September 20, October 18 and November 15, respectively.**

V. 30% of your grade comes from the comprehensive final exam. The **final exam is scheduled for Thursday, December 06, 6:30 – 9:00pm.**

VI In each case, I take the number you have correct and divide by the number of points possible (percentage). I DO NOT CURVE GRADES. The grading scale is as follows:

90-100 A;	80-89 B;	70-79 C;
60-69 D;	Below 60 F	

Course Policies for MA244

- **Attendance**
  Attendance will be checked every course meeting. Students with no more than two absences will be awarded 5 points on their **final exam** score.

- **MATLAB Assignments**
  MATLAB assignments will have a due date approximately one week from the day the assignment is made. The assignment is due at the beginning of class on the due date. Any assignment turned in afterwards will receive a deduction of 10% per day until the following class period. No credit will be given afterwards. Do not copy someone else's work. All parties will receive a zero.

- **Homework**
  Homework will be due each Tuesday. Due to the size of the class, I will be selecting a few of the problems to grade. Please have your problems in order.

- **Quizzes**..
  We will have a quiz every Thursday unless it is a test day. The lowest two grades for the quizzes will also be dropped.

- **Examinations**
  Makeup examinations will be given only if you have a valid reason for missing the test, such as an illness for which you have seen a doctor and it has been determined that you cannot attend class. If you miss a test, **you must provide acceptable documentation** to show that you were unable to take the test at the scheduled time. Makeup exams are considerably more difficult.

- **Incomplete**
  The grade of Incomplete is "Assigned by the instructor when a student, due to circumstances beyond his or her control, has not satisfied some requirement of the course" [*Student Handbook*, page 60]. An example of a legitimate circumstance is an automobile accident or an illness that prevents a student from taking an exam before the term ends. If you have fallen behind in a class due to work, family, or other problems, the appropriate solution is to withdraw from the course.

- **Withdrawals**
  The University policy for withdrawing from a class (dropping) is as follows:
  "Through the tenth week of the Fall or Spring Semester a student may withdraw from any course. After the tenth week, a student may withdraw from a course only under extenuating circumstances and with the approval of the dean of the college in which the student is enrolled. In any case, the student must initiate a formal request for withdrawal through the Office of Student Records. Class non-attendance does not constitute withdrawal nor does notification to the instructor. Any student failing to follow the established procedure for withdrawal will continue to be enrolled in the class and may receive a failing grade in that course." [*Student* Catalog, p.59] The last day to withdraw during the Fall 2012 term without having a "W" posted to your transcript is September 05. The last day to withdraw is November 02. No withdrawals are allowed after this day unless approved by the dean of your college (not your instructor) for extenuating circumstances.

- **Student Behavior**
  Students are expected to behave in a courteous and respectful manner towards the instructor and their fellow students. This helps create a positive and supportive learning atmosphere in the classroom.. Please be on time for your lectures and recitations, turn off your cell-phone, refrain from talking or doing any other activity that could be disruptive to the class. Please

do not leave during class unless you are ill or there is an emergency. Inform your instructor before the lecture starts if you must leave early. Appropriate actions will be taken to stop all behavior that distracts me or other students.

- **Use of Technology in the Classroom**
  Only on rare occasions will electronic devices be used in the classroom. I will let you know when calculators can be used.
  No calculators or computers will be used on exams or quizzes.
  Do not have phones, ipads, computers, etc. on your desk or under your desk top during class. I will collect any that I see during class.

- **Academic Honesty**
  Your written assignments and examinations must be your own work. Academic Misconduct will not be tolerated. To insure that you are award of what is considered academic misconduct, you should review carefully the definition and examples provided in Article III, Code of Student Conduct, *Student Handbook,* p. 93. If you have questions in this regard, please contact me without delay.

- **Disability Statement**
  We will accommodate students with documented disabilities. Please make your instructor aware of your disabilities and if you have not already done so, contact Student Development Services in UC 113 (telephone 824-6203) for further assistance.

- **Complaints**
  If you have difficulties or complaints related to this course, your first action usually should be to discuss them with your instructor. If such a discussion would be uncomfortable for you or fails to resolve your difficulties, you should contact Dr. Li, Chair of the Mathematics Department. Dr. Li's office is SC258B, telephone number 824-6470. Please ask to speak to Ms. Lang, Senior Staff Assistant. If you are still unsatisfied, you can contact Dr. Daniel Rochowiak, Associate Dean of the College of Science. Dean Rochowiak's office is MSB C207 and telephone number is 824-6605.

- **UAlert Emergency Notification System**

  UAHuntsville has implemented the **UAlert** emergency notification system. UAlert allows you to receive time-sensitive emergency messages in the form of e-mail, voice mail, and text messages.

  Everyone who has a UAHuntsville e-mail address will receive emergency alerts to their campus e-mail address. In order to also receive text and voice message alerts, you are asked to provide up-to-date phone contact information. Participation in UAlert text and voice messaging is optional, but enrollment is strongly encouraged. **You can't be reached through UAlert unless you participate.** The information you supply is considered confidential and will not be shared or used for purposes other than emergency notification.

  To review your UAlert account, add or update phone and alternate e-mail addresses, and set the priority for your contact methods, please visit the UAlert web site: http://ualert.uah.edu.