# Math 1324.1201/1C03 Mathematics for Business and Social Sciences
## Spring 2026(In-person)

**Instructor:** Peter Horton          **Phone Number:**  281-618-5638
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**Course-page** http://apps.lonestar.edu/blogs/pehorton/math-1324/

### *Tentative Schedule*

| Tuesday | Thursday | Tuesday | Thursday |
|---|---|---|---|
| **Jan. 20** Lecture 1 3.1,3.2 *Activity 0* | **22** *Quiz 1* Lecture 2 3.3 *Activity 1* | **17** *SPRING* | **19** *BREAK* |
| **27** *Quiz 2* Lecture 3 3.4 *Activity 2* | **29** *Quiz 3* Lecture 4 3.4 *Activity 3* | **24** *Quiz 14* Lecture 15 7.3,7.4 *Activity 14* | **26** *Test 3 (5.1-6.2)* |
| **Feb. 3** *Quiz 4* Lecture 5 4.1,4.2 *Activity 4* | **5** *Quiz 5* Lecture 6 4.3 *Activity 5* | **31** *Quiz 15* Lecture 16 8.1 *Activity 15* | **Apr. 2** *Quiz 16* Lecture 17 8.2 *Activity 16* |
| **10** *Quiz 6* Lecture 7 4.4 *Activity 6* | **12** *Test 1 (3.1-3.4)* | **7** *Quiz 17* Lecture 18 8.3 *Activity 17* | **9** *Quiz 18* Lecture 19 8.5 *Activity 18* |
| **17** *Quiz 7* Lecture 8 4.5 *Activity 7* | **19** *Quiz 8* Lecture 9 4.6 *Activity 8* | **14** *Quiz 19* Lecture 20 10.4 *Activity 19* | **16** *Test 4 (7.2-8.5)* |
| **24** *Quiz 9* Lecture 10 5.1,5.2 *Activity 9* | **26** *Quiz 10* Lecture 11 5.3 *Activity 10* | **21** *Quiz 20* Lecture 21 9.1 *Activity 20* | **23** *Quiz 21* Lecture 22 9.2 *Activity 21* |
| **Mar. 3** *Quiz 11* Lecture 12 6.1,6.2 *Activity 11* | **5** *Test 2 (4.1-4.6)* | **28** *Quiz 22* Lecture 23 9.3 *Activity 22* | **30** *Quiz 23* Lecture 24 4.7 *Activity 23* |
| **10** *Quiz 12* Lecture 13 6.2 *Activity 12* | **12** *Quiz 13* Lecture 14 7.2 *Activity 13* | **May 5** *Quiz 24* Lecture 25 4.7 *Activity 24* | **7** *Quiz 25* **REVIEW** |
| | | **12** *No Class* | **14** *Final Exam* 9:30-11:20 |

**Grading:** There will be 4 in-class Tests, 25 in-class Group Activities, 25 in-class Individual Quizzes, 8 online Homeworks, and an in-class Final Exam. Your final average will be calculated using the formula:

$$AVERAGE = \frac{\left(Total\ of\ best\ 3\ Tests\right) + Homeworks/Quizzes/Group + Final\ Exam}{5}$$

| A | B | C | D | F |
|---|---|---|---|---|
| 90 and above | 80-89 | 70-79 | 60-69 | Below 60 |

If you're absent from a Test, it will become the Test that is dropped.

## My Spring 2026 Schedule

| Monday | Tuesday | Wednesday | Thursday |
|---|---|---|---|
| Office Hour<br><br>8:00-9:00 | Office Hour<br><br>8:00-9:00 | Office Hour<br><br>8:00-9:00 | Office Hour<br><br>8:00-9:00 |
| Math 1342.1101/1C01<br><br>9:30-10:50 | Math 1324.1201/1C03<br><br>9:30-10:50 | Math 1342.1101/1C01<br><br>9:30-10:50 | Math 1324.1201/1C03<br><br>9:30-10:50 |
| Math 1314.1107<br><br>11:00-12:20 | Math 1332.1201/1C03<br><br>11:00-12:20 | Math 1314.1107<br><br>11:00-12:20 | Math 1332.1201/1C03<br><br>11:00-12:20 |
| Office Hour<br>MAC<br><br>12:30-1:30 | Office Hour<br>MAC<br><br>12:30-1:30 | Office Hour<br>MAC<br><br>12:30-1:30 | Office Hour<br>MAC<br><br>12:30-1:30 |

The last day to drop with a 'W' is Friday, April 10th. If you want to drop, you must initiate it before the deadline. ***It is the student's responsibility to initial the attendance roster each day.*** If you miss a daily Individual Quiz, it is considered a tardy. ***Students with 6 or more tardies may be dropped from the class.*** If you need help or have questions, try to visit me during my office hours.

**Individual Quizzes:** Each class meeting, with the exception of the first day and Test days, will begin with an Individual Quiz over material in the previous Lecture. It is recommended that you review this material and work the online Homework and/or recommended problems on the course-page to prepare for the Individual Quiz.

**Group Activities:** Each class meeting, with the exception of the first day and Test days, will end with a Group Activity over material from previous Lectures and supporting material. The Group Activities will be graded using a competitive system that takes into account the number of participating group members. While working on the Group Activities, students will not use any electronic devices-phones, tablets, laptops,… . Any use of electronic devices will result in a score of zero for the Group. Students who don't put their name on the Group Activity will receive a score of zero. Students who don't want to participate in the Group Activities may sign-out from the class and leave.

**Participation:** Students *may* be dropped from the class for any of the following reasons:

**1.** Failing to attempt 6 or more Individual Quizzes

**2.** Failing to attempt 2 or more Tests

**3.** Being dropped from the corequisite Math 0324 class

**e-textbook:** *Finite Mathematics for Business, Economics, Life Sciences, and Social Sciences* 14th edition for MyMathLab by Raymond Barnett, Michael Ziegler, Karl Byleen, and Christopher Stocker
ISBN-13:9780134675985

**Homeworks:** The 8 Homeworks will be done in MyMathlab. All the help buttons are activated, and you have an unlimited number of attempts until the due date. The e-version of the textbook is linked to the MyMathlab course page, and the page has a full list of videos in the Multimedia Library, as well. **When you register for the MyMathLab course, use your name that is recognized by the school!** If you opted for the Star Bundle, then you will access MyMathLab using the Course Materials link in the D2L course-page. If you didn't opt for the Star Bundle, then you will go directly to MyMathLab. ***You are expected to solve the Homework problems without the aid of the internet or artificial intelligence. Perfect Homework scores with impossible completion times may be rejected!***

| HW | Section(s) in the e-textbook | Topic(*Lectures*) | Due Date |
|----|------------------------------|-------------------|----------|
| 1 | 3.1-3.4 | Finance(*1-4*) | February 20 |
| 2 | 4.1-4.6 | Linear Systems/Matrices(*5-9*) | March 13 |
| 3 | 5.1-5.3 | Linear Programming(*10,11*) | March 27 |
| 4 | 6.1,6.2 | Simplex Method(*12,13*) | April 3 |
| 5 | 7.2-7.4 | Sets and Counting(*14,15*) | April 10 |
| 6 | 8.1-8.3,8,5,10.4 | Probability(*16-20*) | May 8 |
| 7 | 9.1-9.3 | Markov Chains(*21-23*) | May 11 |
| 8 | 4.7 | Leontief Input-Output Analysis(*24,25*) | May 11 |

***If you do not attend class by February 2nd, the Official Day of Record (ODR), you will be dropped from the class and you may lose financial eligibility for the semester. Any financial aid funds disbursed to you or your account must be returned to the U.S. Department of Education.***

**Practice Tests:** There are links on the course-page called Reviews, which are practice Tests along with links to their solutions.

**Lectures:** The links on the course page labelled as Lecture bring up an outline of a Lecture that will be presented in the classroom. The links on the course-page labelled as filled-in version of the Lecture, have all the questions answered, blanks filled-in, and comments. Further, you may consult the videos located in the Multimedia Library in MyMathLab. There is also a limited list of video links on the course page. This list includes a selection of examples and problems on various Math 1324 topics. There is also a link to practice problems to improve your Test and Quiz performance. For additional help, you may ask questions during the lecture or my office hours.

**Math Syllabus Policies:** Please use the following link to find all LSC policies, procedures, and student success information. It is your personal, academic, and legal responsibility to know and adhere to the information provided.
http://www.lonestar.edu/syllabus-policies

**Maintaining a Safe Environment for Students Under 18:**
Lone Star College North Harris participates in dual-credit programs including early college programs. These programs typically serve high school students, which means some of the students on our campus my be under eighteen years old. This is a reminder that all rights and privileges of college students are extended to dual-credit or early college students, regardless of age. This is also a reminder that in Texas persons under the age of seventeen cannot provide effective consent to sexual conduct with an adult. For more information, or to report any such behavior, please visit the College's Sexual Assault Prevention webpage.
www.lonestar.edu/sexual-assault.htm

**Dean of Math and Natural Sciences:**
Ellen Turnell, Ellen.E.Turnell@LoneStar.edu, 281-618-5761.

*In order to get to the top you have to get off your bottom!*
                                                    *Fortune Cookie at Tung's Hunan Palace*

# The Learning Environment, Ethics, and Student Code of Conduct

Lone Star College-North Harris is privileged that you have chosen our campus to attend college. We are here to provide you with a positive and safe learning atmosphere where you can focus on your higher education goals. Our number one priority is student success.

We have high expectations of our students and believe we have created an environment that includes superior faculty, beautiful campus grounds, unparalleled student services and excellent academic resources. However, to be successful you have to do your part as a college student.

Faculty members have full authority to set reasonable standards of conduct that are acceptable in their classrooms. These include, but are not limited to the following:

## •ACADEMIC DISHONESTY
Cheating, stealing, misuse of educational materials, and plagiarism are all examples of academic dishonesty and will not be tolerated. College students are expected to maintain a high code of ethics.

## •USE OF PERSONAL TECHNOLOGY DEVICES IN CLASSROOMS
Unless otherwise given permission by your instructor, **all cell phones and laptop computers must be turned off and placed out of sight.** Personal electronic devices of any kind are not allowed once class has begun.

## •BEHAVIOR
Use of inappropriate language and/or profanity **will not be tolerated.** Disrespectful verbal or physical acts toward faculty or classmates **will not be tolerated.**

## •DRESS CODE
Students are expected to dress and groom themselves in an appropriate manner while on campus or while participating in activities sponsored by the college. **Display of personal undergarments, lingerie, pajamas, provocative dress or clothing with vulgar language or subject matter is not appropriate attire for a college environment.**

*Violations of this code of conduct at LSC-North Harris may result in disciplinary action, including dismissal from the college.*

LSCS Board Policy is available at: **LoneStar.edu/Student-Responsibilities**

LSCS student code of conduct can be found in the LSCS Student Guide at:
**LoneStar.edu/departments/advising/LSCS_Student_Handbook_Web.pdf**

Affirmative Action/EEO College

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